Department : Computer Science and Information Technology		
Academic Year : 2023-24		
Sr. No.	**Programme Code**	**Name of the Programme**
01.		Bachelor of Computer Applications

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GURU GHASIDAS UNIVERSITY ,BILASPUR

(A Central University Established By Central University Act ,2009 No 25 of 2009)

DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

A Project Report On

DATA ANALAYSIS OF COVID-19

Submitted in Partial Fulfillment of the requirements for the Award of

"Bachelors of Computer Application"

Session 2022-25

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CERTIFICATE

OF ACHIEVEMENT

This certificate is presented to

Anjali

for successfully completing a Course about

Data Analysis with Python

Course Start Date: 2023-12-27

Certified No.

14209981924

Mind Luster

mindluster

Signature

Certified Member

Mind Luster

2024-02-18

Date

www.mindluster.com

The COVID-19 pandemic has had a profound impact onhealth systems, economies,and societies worldwide. In such a complex and evolving situation, data analysis has played a critical role in understanding the virus, tracking its spread, and informing public health policies. This data-driven approach has been essential in saving lives, allocating resources, and managing the pandemic effectively.

COVID-19 data analysis involves gathering and interpreting data from various sources such as daily infection rates, testing data, hospitalizations, recoveries, and deaths. It also includes analyzing factors like age, pre-existing health conditions, and geographic locations to understand the virus's behavior and its impact on different populations.

In addition, data from vaccine distribution, economic indicators, and public mobility trends have been used to monitor the broader impact of the pandemic and guide recovery efforts.

In conclusion, COVID-19 data analysis is a vital tool that has helped the world respond to the pandemic. The lessons learned from this data will continue to shape future public health policies and prepare societies for future health crises.

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Cover Page

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udemy

Certificate no: UC-0578d0ad-5ae0-49f2-86bc-e288c4fe7233
Certificate url: ude.my/UC-0578d0ad-5ae0-49f2-86bc-e288c4fe7233
Reference Number: 0004

CERTIFICATE OF COMPLETION

Complete Ethical Hacking Bootcamp 2023: Zero to Mastery

Instructors **Andrei Neagoie, Aleksa Tamburkovski**

Ansh Tripathi

Date **Oct. 18, 2023**
Length **29 total hours**

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Contents/Abstract

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गुरु घासीदास विश्वविद्यालय, बिलासपुर
Guru Ghasidas Vishwavidyalaya, Bilaspur

A Central University established by the Central Universities Act 2009 No. 25 of 2009

SESSION 2022 - 2025

SCHOOL OF STUDIES OF MATHEMATICAL AND COMPUTATIONAL SCIENCE
DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION SCIENCE

TRAINING REPORT ON
"JAVA & DATA STRUCTURES ALGORITHM."

GUIDED BY :

DR. SRABANTI MANDAL

SUBMITTED BY :

NAME : AYUSH RAI

COURSE : Bachelor of Computer Applications

2ND SEMESTER, 1ST YEAR.

ROLL NUMBER : 22015308 (08)

ENROLMENT NUMBER : GGV/22/15308

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Signed by Head and Supervisor

Department : Computer Science and Information Technology		
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CERTIFICATE OF COMPLETION

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B VAMSI

For successfully completing a free online course

Front End Development - HTML

Provided by

Great Learning Academy

(On March 2024)

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INDUSTRIAL INTERNSHIP

NAME-BIPASHA MALLICK

ClASS- BCA SEM-5th sem

TOPIC- programming with C

Signature and Seal of the Head

Serial No ..... 4370334 Roll No BBST942305000054

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES GOVERNMENT OF INDIA

CTTC BHUBANESWAR

ISO-9001, ISO-14001 OHSAS-18001 ISO-29990

CENTRAL TOOL ROOM & TRAINING CENTRE

A Govt. of India Society
(An Indo-Danish Project)
Under
MINISTRY OF MSME
B - 36, Chandaka Industrial Area
Bhubaneswar -751024

This is to certify that

Mr./Ms. BIPASHA MALLICK

E-Learning successfully completed the course

C PROGRAMMING

The course comprises the following subjects

. Keywords, Identifiers and Variables.	. Function
. Expressions and Statements	. Structure & Union
. Operators	. Pointer
. Selection Statements with Control Logic	. Dynamic Memory Allocation
. Program flow or looping.	. IO and File Handling
. Arrays	. How to edit a saved File
. Recursions	. Preprocessor

Period of Course From : 31.05.2023 To : 05.07.2023

Date of Award : 10.07.2023

This is system generated provisional certificate.

Course Co-ordinator

Sr. Manager (Training)

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OVERVIEW- In this project, you will create a simple calculator using c . This application will allow users to add, search for, delete, and list calculation entries. The project focuses on reinforcing your understanding of C basic concepts, particularly conditional statements.

OBJECTIVE-Understand and apply Python dictionaries to store phonebook entries. Use conditional statements to handle different user actions.Use switch statements.

Department : Computer Science and Information Technology		
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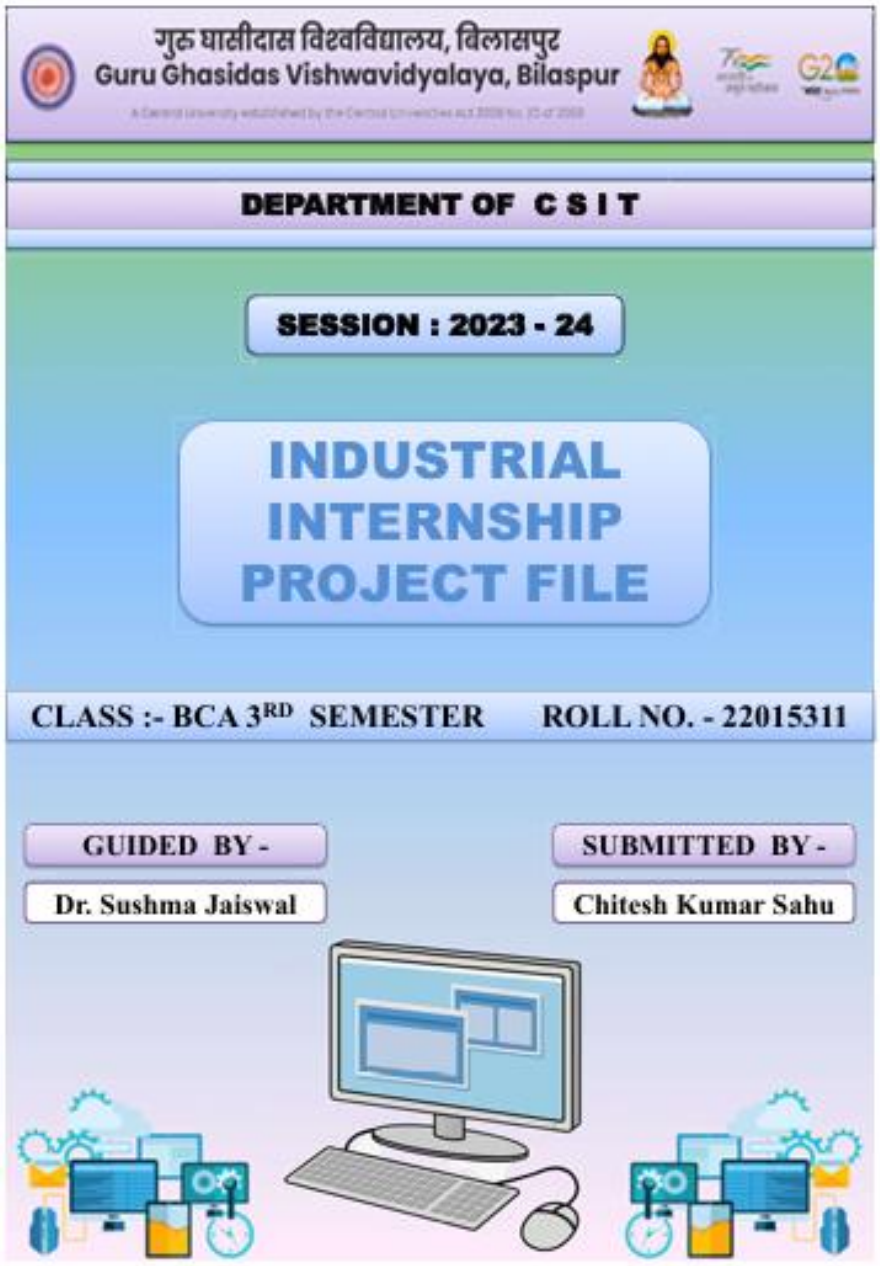

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{Code Clause};

Code Clause

To Whom So IT May Concern

Date - 01 / 03 / 2024

This is to certify that **CHITESH KUMAR SAHU** , pursuing computer application at **GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR** has successfully completed an internship with CodeClause from **Feb-2024 To Mar-2024.**

During this tenure he handled **WEB DEVELOPMENT INTERN** position.

During the tenure of the Internship, **CHITESH KUMAR SAHU** has shown a great amount of responsibility, sincerity, and a genuine willingness to learn and zeal to take on new assignments and challenges. In particular, his coordination skills and communication skills are par excellence and his attention to details is impressive

We wish all the very best for your future.

with regards,
CodeClause

MINISTRY OF CORPORATE AFFAIRS

Certificate No - CC-CL78814

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Contents/Abstract

Department : Computer Science and Information Technology		
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(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)
कोनी, बिलासपुर - 495009 (छ.ग.)

Guru Ghasidas Vishwavidyalaya
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)
Koni, Bilaspur – 495009 (C.G.)

INTERNSHIP PROJECT

- NAME – HEENA KUMARI SAHU
- CLASS – BCA 3rd sem
- PROJECT – WEB DEVELOPMENT
- MENTOR – R.S. Rao

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Department : Computer Science and Information Technology		
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01.		Bachelor of Computer Applications

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Guru Ghasidas Vishwavidyalaya, Bilaspur

A Central University established by the Central Universities Act 2009 No. 25 of 2009

SESSION 2022 - 2025

SCHOOL OF STUDIES OF MATHEMATICAL AND COMPUTATIONAL SCIENCE

DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION SCIENCE

INDUSTRIAL PROJECT ON

AMAZON CLONE WITH LOGIN PAGE HTML CSS

GUIDED BY :
DR. R.S. RAO

SUBMITTED BY :
NAME : HRISHABH YADAV
COURSE : Bachelor of Computer Applications
2ND SEMESTER, 1ST YEAR.
ROLL NUMBER : 22015315 (15)
ENROLMENT NUMBER : GGV/22/15315

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Department : Computer Science and Information Technology		
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(A central university established under Central Universities Act 2009, No.25 of 2009)

Academic Session
2023 - 24

Report on

Internship Project Using Javascript

Under the supervision of
Mr.Amitesh Kumar Jha

Submitted by
Kumari Aashi
Roll No - 22015318

Department of Computer Science & Information Technology

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Signed by Head and Supervisor

Abstract:

This project aims to develop a simple yet engaging Rock-Paper-Scissors game using core web technologies like HTML, CSS, and JavaScript.

The game emulates the classic hand game, where two players choose between three options: Rock, Paper, and Scissors.

The game logic determines the winner based on a set of predefined rules: Rock beats Scissors, Scissors beats Paper, and Paper beats Rock.

The project incorporates interactive UI elements designed with CSS for responsiveness and a dynamic user experience.

The gameplay is implemented entirely in JavaScript, handling user inputs and providing real-time feedback on wins, losses, and draws.

HTML forms the structure of the game interface, while CSS adds visual appeal, ensuring a user-friendly design.

The code is modular and scalable, with scope for future enhancements, such as multiplayer modes or score tracking features.

This project serves as an excellent example of a fundamental web application, demonstrating the power of client-side scripting and responsive web design.

The Rock-Paper-Scissors game provides a fun and interactive learning experience, offering insight into basic game mechanics,

event handling, and the practical use of HTML, CSS, and JavaScript in web development.

Department : Computer Science and Information Technology		
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GURU GHASIDAS VISHWAVIDYALAYA

DEPARTMENT OF CS & IT

SESSION 2023-24

SUBJECT – INDUSTRIAL INTERNSHIP PROJECT FILE

SUBMITTED BY -

Lokesh Kumar Ghritlahare

ROLL NO – 22015320

CLASS- BCA 3rd Sem

SUBMITTED TO-

Dr. Babita Majhi

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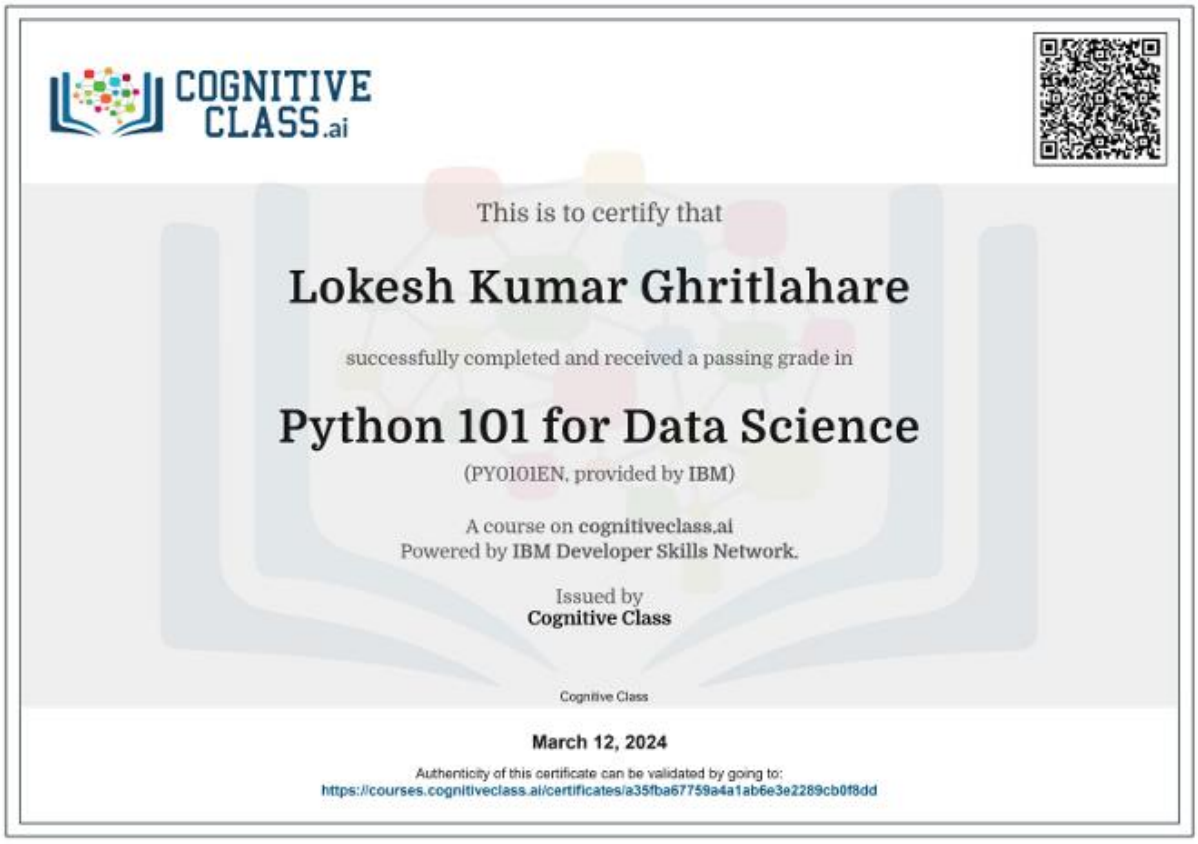

COGNITIVE CLASS.ai

This is to certify that

Lokesh Kumar Ghritlahare

successfully completed and received a passing grade in

Python 101 for Data Science

(PY0101EN, provided by IBM)

A course on cognitiveclass.ai
Powered by IBM Developer Skills Network.

Issued by
Cognitive Class

Cognitive Class

March 12, 2024

Authenticity of this certificate can be validated by going to:
https://courses.cognitiveclass.ai/certificates/a35fba67759a4a1ab6e3e2289cb0f8dd

Certificate ID Number: a35fba67759a4a1ab6e3e2289cb0f8dd

March 12, 2024

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ABSTRACT

Python for data science –

This course provides an introduction to Python programming tailored specifically for data science applications. It covers the fundamental concepts of Python, including data types, control flow, functions, and libraries essential for data analysis, such as NumPy, Pandas, and Matplotlib. Participants will learn how to manipulate, analyze, and visualize data using Python, enabling them to gain insights and make data-driven decisions. The course emphasizes hands-on practice with real-world datasets, preparing learners for practical data science tasks like cleaning data, conducting exploratory data analysis (EDA), and implementing simple models. No prior programming experience is required, making it suitable for beginners in both programming and data science.

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GURU GHSIDAS UNIVERSITY, BILASPUR

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DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

COURSE ON

"PYTHON AND DATA SCIENCE "

Submitted in partial fulfillment of the requirements for the area of

"BACHELOR's OF COMPUTER APPLICATION"

Session-2022-25

Submitted by

MADHU DUBEY

Enrollment no:-GGV//22/15321

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National Institute of Electronics & Information Technology
(An Autonomous Scientific Society of Ministry of Electronics & Information Technology, Govt. of India)
रा.इ.सू.प्रौ.सं
NIELIT

Certificate

Certificate No.: NIELIT/GKP/339/6672 Reg. No.: NIELIT/GKP/OL/B44/8580

This is to certify that MADHU DUBEY

D/O MR. SANTOSH KUMAR DUBEY has successfully completed

a course of 4 / 60 week(s) / hour(s) duration from 06.06.2023 to 18.07.2023

on SUMMER/ INDUSTRIAL TRAINING IN PYTHON PROGRAMMING AND DATA SCIENCE

conducted by NIELIT GORAKHPUR (IN ONLINE MODE) with S grade.

Curriculum of the Course : Python Language-Sequence Data Types,Modules & Packages, Using Numpy,Pandas,Matplotlib & Tkinter for data exploration & visualization. Data Science Concepts and Machine Learning Algorithms

Program Coordinator

Date : 01.08.2023

Director / Executive Director

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Signed by Head and Supervisor

Department : Computer Science and Information Technology		
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DEPARTMENT OF COMPUTER SCIENCE

AND

INFORMATION TECHNOLOGY,

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G)

[A Central University Established by the Central Universities Act 2009 No. 25 of 2009]

AN INDUSTRIAL INTERNSHIP PROJECT REPORT

ON

LOGIN VALIDATION

"BACHELOR OF COMPUTER APPLICATION"

(SESSION: 2023-24)

SUBMITTED BY

MAHIMA NETAM (22015322)

IInd Semester

UNDER THE GUIDANCE OF

Mr. Prashant Vaishnav

(Associate Professor)

HEAD
DEPT. OF CSIT.
GGV, BILASPUR (C.G.)

Signed by Head and Supervisor

udemy

CERTIFICATE OF COMPLETION

The Complete 2023 Web Development Bootcamp

Instructors **Dr. Angela Yu**

Mahima Netam

Date **July 2, 2023**

Length **66 total hours**

Certificate no: UC-6329bd2a-97d6-4613-9867-0559b623tead3

Certificate url: ude.my/UC-6329bd2a-97d6-4613-9867-0559b623tead3

Reference Number: 0004

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OVERVIEW

This project is based on Login Validation using HTML, CSS, JS. The Login Validation with HTML, CSS, JS (JavaScript) involves creating a form that captures a username and password. Upon form submission, JavaScript validates the input values. If the credentials match a predefined set, it allows access or displays an error message for incorrect login attempts. HTML handles the structures, CSS manages the visual styling, while JavaScript manages the logic, capturing form data and performing the validation.

Ultimately, the project's goal is to provide secure user authentication, enhance user experience, prevent unauthorized access, offer clear user feedback, and serve as a foundation for more robust authentication systems by demonstrating basic validation principles.

Department : Computer Science and Information Technology		
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GURU GHASIDAS VISHWAVIDYALAYA,
KONI BILASPUR (C.G)

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

2022-2025

INDUSTRIAL INTERNSHIP REPORT

3rd semester , BCA

Guided by :- Assistant Professor
Dr. Akhilesh Shrivas.

Prepeared by :- Parasmani Khunte.

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18

CERTIFICATES

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Presented to

PARASMANI KHUNTE

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Python MySQL

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02

ABOUT PYTHON

Python is a user-friendly and versatile programming language known for its simplicity and readability. It's easy to learn and use, making it ideal for beginners and experienced developers alike. Python supports multiple programming paradigms and comes with a large standard library and a vast ecosystem of third-party packages for various tasks. Its platform independence, active community support, and open-source nature contribute to its widespread popularity across industries such as web development, data science, machine learning, and automation.

ABOUT MYSQL

MySQL is an open-source relational database management system (RDBMS) widely used for managing and manipulating data. It provides a robust and scalable platform for storing and retrieving data efficiently. MySQL supports SQL (Structured Query Language) for querying and modifying data, making it compatible with many applications and programming languages. With features such as transactions, indexing, and replication, MySQL is suitable for a wide range of applications, from small websites to large-scale enterprise systems. Its community edition is free to use, while commercial editions offer additional features and support options. MySQL's reliability, performance, and ease of use make it a popular choice for database management across various industries.

Department : Computer Science and Information Technology		
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कोनी, बिलासपुर – 495009 (छ.ग.)

Guru Ghasidas Vishwavidyalaya
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)
Koni, Bilaspur – 495009 (C.G.)

REPORT

ON

BANK MANAGEMENT SYSTEM

Bachelors Of Computer Application[BCA] for

Session 2022-2025

GURU GHASIDAS VISHWAVIDYALAYA

BILASPUR[C.G]

[A Central University Act-2009]

Submitted To :-

Anurag sir

Submitted by :-

Saurabh yadaw

BCA 3rd Sem

Roll no- 22015339

HEAD
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GGV, BILASPUR (C.G.)

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Presented to

Saurabh yadaw

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C Programming

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Guru Ghasidas Vishwavidyalaya
BILASPUR (C.G)

Industrial Internship
In
AI In Healthcare

Submitted by:

Shreya Singh

Roll no: 22015341
BCA 3rd "Semester"

Submitted to:

Anurag Singh Sir

In partial fulfillment of the award of

Bachelor of Computer application

Department of Computer Science and Information Technology

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Signed by Head and Supervisor

CONTENT

Sr. No	Title
1.	Al in healthcare
2.	Overview of Healthcare Challenges
3.	Al in Medical Imaging
4.	Personalized Medicine with AI
5.	Al in Disease Diagnosis
6.	Telemedicine and Virtual Health Assistants
7.	Al for Drug Discovery
8.	Enhancing Patient Care With Al
9.	Ethical Considerations
10.	Challenges Implementation and Limitations
11.	Future Trends
12.	Success Stories
13.	Implementing Al in healthcare

Department : Computer Science and Information Technology		
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PROJECT FILE

ON

PYTHON

BCA 3rd"semester"

CSIT

Submitted By:

Shubham singh

Submitted To:

Dr.Pushpalata pujari mam

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DEPT. OF CSIT.
GGV, BILASPUR (C.G.)

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Skill India
कौशल भारत-कुशल भारत
N·S·D·C
INTERNSHALA TRAININGS

CERTIFICATE

This is to certify that

Ms./Mr. **SHUBHAM SINGH**

Son/Daughter of **VISHWANATH SINGH** Student ID **CAN_25544620**

has successfully completed the **PROGRAMMING WITH PYTHON** Course

with Grade **A** from **SCHOLIVERSE EDUCARE PRIVATE LIMITED**

Date of Issuance: 11th September 2023

Issued by

Sarvesh Madhu Agrawal
Founder & CEO
SCHOLIVERSE EDUCARE PRIVATE LIMITED

Certificate ID: 20xsf0voqya1xjwx

This is a System-generated Certificate. Assessment and Grading of the Candidate is provided/facilitated solely by the respective training provider based on its evaluation parameters.

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Guru Ghashidas Viswavidyalaya (GGV)Koni,

Bilaspur, Chhattishgarh-495009

session: 2022-2023

INDRUSTRIAL INTERNSHIP
REPORT ON

Bookstore Management

Guided by
ANURAG SINGH

Submitted by
SONAL DHRUW

BCA 3rd sem

22015344

Department of Computer Science and Information Technology

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DEPT. OF CSIT.
GGV, BILASPUR (C.G.)

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For successfully completing a free online course

Python MySQL

Provided by

Great Learning Academy

(On March 2024)

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Signed by Head and Supervisor

ABSTRACT

This project aims to develop an efficient electronic bookstore platform that offers users the ability to register, log in, and manage books. The platform includes a user authentication system allowing new users to signup, while existing users can log in using their credentials. Once logged in, users can browse, add, or delete books in the store, each book having attributes such as title, author, genre, price, and availability. A robust search feature lets users find books based on various criteria like title, author, genre or price range.

The system also tracks sale transactions, recording details such as the book sold, quantity, total prices, and the purchaser. Additionally, it provides an income tracking feature that displays the total earnings since the last reset, helping administrators monitor the store's financial performance over time.

By combining book management, search functionalities, sales recording, and income tracking, this project aims to deliver a comprehensive and user-friendly platform for managing an online bookstore effectively and efficiently.

Department : Computer Science and Information Technology		
Academic Year : 2023-24		
Sr. No.	**Programme Code**	**Name of the Programme**
01.		Bachelor of Computer Applications

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GURU GHASIDAS UNIVERSITY, BILASPUR

(A Central University Established by Central University Act, 2009 No 25 of 2009)

DEPARTMENT OF COMPUTER SCIENCE &INFORMATION TECHNOLOGY

A COURSE REPORT ON

PYTHON PROGRAMMING LANGUAGE

Submitted in Partial fulfillment of the requirements for the Award of

"Bachelor of Computer Application"

Session 2022-25

SUBMITTED TO

ANURAG SINGH

SUBMITTED BY

SRISHTY JHA

BCA 3RD SEM.

ENROLLMENT No.:-GGV/22/15345

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Signed by Head and Supervisor