

# DIPISHA SHIVANGI

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## PROFESSIONAL SUMMARY

A dedicated 4th-year B.Tech student with a strong foundation in software development, data analysis, and AI technologies. Proficient in Python, C++, and React, they are skilled in leveraging cloud platforms and data visualization tools. Developed AI models with 90%+ accuracy in real-world applications. Passionate about exploring innovative solutions and eager to contribute to AI and software development projects.

## WORK EXPERIENCE

- **Game Developer Intern at Mobtions**

Dec 2024 - Jan 2025

Developed and optimized 18 HTML5 games using HTML, CSS, JavaScript, and JSON, ensuring cross-platform compatibility and seamless gameplay. Currently working on Unity-based game development with a focus on 3D modeling, physics simulations, and immersive experiences, while collaborating in agile environments for iterative improvements
- **Data Science Intern at Celebal Technologies**

Jun 2024 - Aug 2024

During my Celebal Summer Internship '24, I gained practical experience in various technologies like Python, SQL, Scikit-Learn, TensorFlow, Apache Spark, and Airflow. I designed data pipelines and improved efficiency by 30%, developed machine learning models, visualized large datasets, collaborated with cross-functional teams, and documented workflows.

## SKILLS

Analytic Skills	Python, SQL, Machine Learning, Data Visualization, Data Mining, Predictive Analytics
Programming Languages	C++, C, JavaScript, HTML, CSS, React.js
Cloud Platforms	AWS, Google Cloud Platform
Technical Skills	TensorFlow, Scikit-Learn, EasyOCR, Pandas, NumPy, Matplotlib
Soft Skills	Teamwork, Strategic Thinking, Problem-Solving,

## PROJECTS

- **Automatic Number Plate Detection Model**

-This project aims to develop an effective ANPR system using Python, EasyOCR for text recognition, and the YOLOv8 model for object identification. The research dataset of annotated car photos focuses on processing methods like augmentation and scaling.

-The YOLOv8 modelThe YOLOv8 recognizes number plates with high precision, and EasyOCR extracts alphanumeric characters . The system has an overall accuracy of 99.5%.
- **Customer Lifetime Value Prediction**

-Analyzed UK-based online retail transactions using Pandas, Numpy, XLRD, and Matplotlib. The data is manipulated and analyzed. Visualization is done by plotting graphs. I designed data pipelines that improved efficiency by 30%.

-Scikit-Learn is used for splitting training and testing datasets.
- **Employee Payroll Management System**

-Designed and implemented an Employee Payroll Management System using advanced SQL techniques, including inline and materialized views, user-defined exceptions, and PL/SQL procedures for tasks like salary calculations, department updates, and employee data management.

-Trained the model by inserting values of 10 employees.
- **Weather.js**

-A web application that enables users to check the current weather information for a specific city.

-It uses a weather API called OpenWeatherMap to retrieve weather data of the city name taken from the user.

## EDUCATION

2021 - 2025	B.Tech (CSE) at <b>Kalinga Institute of Industrial Technology</b>	CGPA: 7.74
2020 - 2021	Higher Secondary Education at <b>Army Public School, Pune</b>	91%
2018 - 2019	Secondary Education at <b>Army Public School, Pune</b>	86%

## CERTIFICATES

- **PCAP: Programming Essentials in Python by Cisco**

06/2024
- **CCNA: Enterprise Networking, Security, and Automation by Cisco**

06/2024
- **Google Data Analytics by Google on Coursera**

06/2024
- **IBM Data Science by IBM on Coursera**

06/2024
- **AMCAT Test Certificate**

11/2023