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. Application of AI and generative technologies to real-world logistics challenges. Passionate about exploring innovative solutions and eager to contribute to AI and software development projects.

WORK EXPERIENCE

- **Data Science Intern at Celebal Technologies** *June 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, developed machine learning models, and visualized large datasets, collaborated with cross-functional teams, and documented workflows.

SKILLS

Programming Languages	Python, SQL, C++, C, JavaScript, HTML, CSS
Technical Skills	Data Analysis, Data Compression, Data Visualization, Cloud Computing
Soft Skills	Communication, Teamwork, Strategic Thinking, Problem-Solving, Critical Thinking

PROJECTS

- **Automatic Number Plate Detection Model**

  -This project aims to develop an effective ANPR system using EasyOCR for text recognition and the YOLOv8 model for object identification.

  -The research uses a large dataset of annotated car photos, focusing on preprocessing methods like augmentation and scaling.

  -The YOLOv8 model is trained to recognize license 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.

  - Scikit-Learn is used for splitting training and testing datasets.

- **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.

- **Password Generator**

  - A web app for generating random passwords built with React, HTML, CSS, and JavaScript.

  - RandomFunc is created such that it generates passwords using random alphabets in lower case, alphabets in upper case, numbers ranging between 0 to 9, and symbols.

EDUCATION

2021 - present	B.Tech (CSE) at **KIIT University**	CGPA: 7.74
2020 - 2021	Higher Secondary Education at **Army Public School, Pune**	91%
2018 - 2019	Secondary Education at **Army Public School, Pune**	86%

CERTIFICATES

- **PCAP: Programming Essentials in Python by Cisco** Verify	Issued 06/2024
- **CCNA: Enterprise Networking, Security, and Automation by Cisco** Verify	Issued 06/2024
- **Cybersecurity Essentials by Cisco** Verify	Issued 05/2024
- **Google Data Analytics by Google on Coursera** Verify	Issued 06/2024
- **IBM Data Science by IBM on Coursera** Verify	Issued 06/2024
- **AMCAT Test Certificate** Verify	Issued 11/2023