Ayush Verma

+91 6393868175 ayushuv135@gmail.com LinkedIn Github Portfolio

Education

Pranveer Singh Institute of Technology, Kanpur **2021 - 2025**
B.Tech in Computer Science and Engineering ***CGPA (upto 5th semester): 7.4***

KanyaKubja Public School, Kanpur **2019 - 2020**
12th Grade-Central Board of Secondary Education ***Percentage:76%***

Work Experience

Accenture **May 2024**
Virtual Internship *Work From Home*

- Completed a simulation as an **data analyst** for a social media client. Analyzed 7 datasets to guide strategic decisions.
- Achievements: 20% increase in click-through rates through A/B testing, 15% enhancement in customer happiness with sentiment analysis, and 10% rise in user engagement.

PSIT Research Department **January 2024 – May 2024**
Research Assistant *Remote*

- The **CloudSim** framework is used for the **analysis of VM resources**, implements cloud computing algorithms (**reinforcement learning**), and optimizes **resource allocation**.
- Achievements include a 15% **faster allocation**, 20% higher **VM utilization**, and 25% enhanced system efficiency, as well as contributions to projects enhancing system performance by 40% and reducing load times by 25%.

AWS APAC Solution Architect **March 2024**
Virtual Internship *Work From Home*

- Designed a scalable hosting architecture using Elastic Beanstalk, resulting in a 30% reduction in response times and a 20% increase in system scalability.
- Achieved significant improvements, including a 15% reduction in hosting costs.

Projects

NewAPI: Android Application Source Code

- Developed with **Dart and Flutter**, the project **includes real-time news feeds**, personalized content, and an intuitive interface, leading to a 10% rise in daily active users.
- This project boosts user engagement by 20% and provides a complete solution for **daily news updates**.

SentixAnalyzer: Sentiment Analysis Source Code

- Implemented a **Python sentiment analysis project utilizing natural language processing (NLP)** to extract language tokens, keywords, polarity, and subjectivity from text data.
- Achieved an accuracy rate of 85% in identifying the sentiment of the text as positive, negative, or neutral.

ObjectSpotter: Object Detection Model Source Code

- Developed an advanced **web application** utilizing the **Flask** framework and **OpenCV** Library in Python, achieving 95% accuracy in **object identification** across 10,000+ images and enhancing processing speed by 40%
- utilized the **pre-trained COCO dataset** to recognize and name various objects within an uploaded image, achieving a 90% **object detection** accuracy.

Technical Skills

Languages: PYTHON, JAVA, C, Html, Css JavaScript, Kotlin, SQL, SAS
Frameworks: Pandas, OpenCV, NLTK,React.js, Node.js, Express.js, Flask
Clouds & Databases: AWS, Oracle, MongoDB
Dev Ops Technologies: Docker, Kubernetes
Developer Tools: Android Studio, VS Code, GitHub, Git, Eclipse
Coursework: Object Oriented Programming, Operating System, Database management, Data Structures and Algorithms

Algorithmic Competitions/Achievements

- **Accomplished over 700 problem-solving tasks on a prominent online coding platforms, Leetcode, with a 61.27% acceptance rate, showcasing strong coding proficiency.**
- **Achieved 5-star ratings in both Python programming and Problem Solving on Hackerrank, highlighting exceptional proficiency and logical skills.**
- **Achieved a 4-star rating in C programming on hackerrank.**
- **Achieved an SAS programming certification from Internshala Trainings.**
- **Achieved a certification from Internshala Trainings in Android Development.**