Uppara Veeranjaneyulu

uupparaveeranji@gmail.com | +91 9848267497 | 5/1231, Lakshmi Peta, Yemmiganur, AP, 518360.
LinkedIn | GitHub | LeetCode | Portfolio

Summary

Aspiring Software Engineer, Data Analyst, and Full Stack Web Developer with a strong foundation in data analysis, programming, and modern web technologies. Passionate about solving real-world problems through scalable, data-driven applications and continuous learning.

Education

- **Amrita Vishwa Vidyapeetham** — Coimbatore, Tamil Nadu
  B.Tech in Computer Science and Engineering — CGPA: 7.45 — *2023 – 2027*
- **Narayana Junior College** — Hyderabad, Telangana
  MPC — Grade: 98.2% — *2021 – 2023*
- **Narayana E.M High School** — Yemmiganur, Andhra Pradesh
  SSC — Grade: 100% — *2020 – 2021*

Technical Skills

- **Languages:** Python, Java, HTML, CSS, JavaScript
- **Frameworks/Libraries:** NumPy, Pandas, Seaborn, Matplotlib, Scikit-learn
- **Tools:** Git, GitHub, VS Code, Vercel, Tableau, Eclipse, Notion
- **Databases:** MySQL, MongoDB
- **Familiar:** Flutter, React.js

Projects

- **Influencer Tracker - Data Structures and Algorithms** *GitHub*
  - Developed a data-driven system to track influencer engagement and facilitate company bidding based on a marketing score.
  - Implemented Splay Trees, Heaps, and Stacks to manage user interactions (likes, dislikes, searches) and rank top influencers.
  - Generated monthly performance reports and enabled real-time engagement analytics.
    Technologies: Python, Git, GitHub
- **Smart Home Gas Detection System - C Programming** *Tinkercad*
  - Built a modular smart home safety system; contributed to the gas leak detection module, which triggers automatic window opening and alarms.
  - Integrated with smart locks, fire detection, motion sensors, and a panic button for complete home security
  - Designed to be cost-effective, easy to install, and independently functional for each threat.
    Technologies: C Programming, Embedded Systems, Tinkercad
- **DNA Sequence Analysis Using KMP Algorithm - Design and Analysis of Algorithms** *GitHub*
  - Explored the problem of string/pattern matching and implemented multiple algorithms including Brute Force, Rabin-Karp, Boyer-Moore, and KMP and focused on KMP algorithm for efficient DNA sequence matching to detect mutations and diseases.
  - Compared time complexities and real-world applications of string matching in bioinformatics and cybersecurity.
    Technologies: Java, String Algorithms, Git
- **Luxury Cars Hub - User Interface Design** *GitHub*
  - Designed and built a front-end web application to showcase and sell luxury cars. Included interactive sections such as car models, body parts, payment system, and responsive design on a single page.
  - Developed as part of 2nd semester coursework and marked as first team web development project.
    Technologies: HTML, CSS, JavaScript

Certifications

- Supervised Machine Learning: Regression and Classification (Coursera, taught by Andrew Ng)
- Deloitte Australia Data Analytics Job Simulation – Forage
- Oracle Cloud Infrastructure 2025 Certified Data Science Professional
- AWS Academy Graduate - Cloud Foundations

Honors & Leadership

- **GeoGuide AI Hackathon – Top 5 Finalist** **Feb 2025**
  - Ranked in the **Top 5** among 100+ teams for a live API-driven travel recommendation engine.
  - Recognized for real-time API orchestration and accurate personalized suggestions.