Dhruvateja Amancha

dhruvatejaamancha29@gmail.com | +91 - 70757 90874 |
linkedin.com/in/dhruvateja-amancha-80a24527b/ | github.com/Dhruva1129

Education:

Vaagdevi College of Engineering   *Warangal, Telangana*
B.Tech in Computer Science, Arificial Intelligence and Machine Learning | CGPA: **8.37/10**   *July 2023 – May 2026*

VMR Polytechnic College,   *Warangal, Telangana*
Diploma in Electrical & Electronics Engineering | CGPA: **9.2/10**   *Aug 2020 – May 2023*

Experience:

Software Developer Intern   *Toronto, Canada*
Lucid Data Hub (Remote)   *Sep 2025 – Present*

- Worked on enhancing the core modules of the Lucid Data Hub platform to improve system reliability, performance, and overall user experience
- Developed and integrated React.js frontend components with FastAPI backend services, while also optimizing MySQL queries to ensure faster and smoother data processing
- Actively collaborated with a cross-functional global team, using Git and GitHub for version control, task tracking, and agile development practices

MERN Stack Developer Intern   *Hyderabad, Telangana*
EY GDS Next Gen (Remote)   *Dec 2024 – Jan 2025*

- Developed a secure and efficient full-stack application using the MERN stack with JWT-based authentication and proper role-based access control
- Designed RESTful APIs and optimized MongoDB queries to improve application performance and data handling efficiency
- Built responsive and user-friendly UI components to ensure a smooth experience across different devices and screen sizes

Projects:

AI-Powered Text Enhancement & Translation Platform   *March 2025 – May 2025*
FastAPI, React, Gemini AI

- Developed a full-stack platform that supports grammar correction, tone transformation, multilingual translation, and OCR-based text extraction
- Integrated Google Cloud Vision API to accurately extract handwritten and scanned document text while preserving structure and formatting
- Implemented secure backend services using FastAPI and connected them with a React frontend for a smooth and responsive user experience
- Optimized workflows to handle large text inputs efficiently and ensured reliable performance

E-Commerce Electronics Platform   *Dec 2024 – Jan 2025*
MERN Stack, JWT

- Built a secure eCommerce web application with JWT authentication, role-based access control, and an admin dashboard for product management
- Developed RESTful APIs for product catalog, shopping cart, orders, and payment modules to ensure seamless functionality
- Designed a responsive and user-friendly UI and managed application state efficiently using Redux
- Improved system reliability and performance by optimizing API responses and database interactions

Technical Skills:

Programming & Analytics: Python, Java, JavaScript
Frontend Technologies : HTML, CSS, ReactJS
Backend Tools: FastAPI, Flask, Node.js, RESTful APIs
Databases: PostgreSQL, MySQL, MongoDB
Practices & Tools: Git, VS Code, Postman, GitHub,
Libraries: Pandas, NumPy

Achivements

- Solved **315+ coding problems** on LeetCode (DSA, SQL, Algorithms).
- **3-Star (849 score) in Python** on HackerRank.
- Top scorer in GeeksforGeeks (94 coding score, 40+ problems).

Certification

- **HackerRank –** Problem Solving (Basic)   *Sep 2023*
- **Coursera –** HTML, CSS & JavaScript for Web Developers   *Sep 2023*
- **FreeCodeCamp –** Responsive Web Design   *Feb 2024*