VARANASI PAVAN KALYAN

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LeetCode: leetcode.com/u/pavan19081

EDUCATION

- **G.V.P COLLEGE OF ENGINEERING(A)** — VISHAKHAPATNAM, INDIA
  Bachelor of Technology - Computer Science and Engineering; GPA: 8.61 — *2022 - 2026*

- **Sri Viswa IIT and Medical Academy** — VISHAKHAPATNAM, INDIA
  Class 12th, Andhra Pradesh State Board; Percentage: 93.0 — *2020 - 2022*

- **Dr.K.K.R's Gowtham High(E.M) School** — KRISHNA, INDIA
  Class 10th, Andhra Pradesh State Board; Percentage: 100.0 — *2020*

SKILLS

- **Programming**: C, C++, Java, Python(Basic), OOPs, Data Structures and Algorithms
- **Development**: HTML, CSS, JavaScript, React, Node.js, Express.js, Tailwind CSS, Bootstrap
- **Databases**: SQL, MongoDB
- **Operating Systems**: Windows, LINUX
- **Developer Tools**: VS Code, Git, GitHub, Postman

PROJECTS

- **DineFinder – AI-Powered Restaurant Search & Discovery Platform**:
  - Developed an **AI-powered search platform** enabling users to explore **3,000+ restaurants** by **name, geolocation (within a 3 km radius)**, and cuisine (image-based search).
  - Integrated **Google Maps API** and **Leaflet.js** for interactive, real-time location-based search, supporting **5+ filter options** such as **ratings (1-5 stars), distance (up to 3 km), and budget range**.
  - Built with **MERN Stack (MongoDB, Express.js, React.js, Node.js)**, featuring **JWT authentication**, a **responsive UI with Tailwind CSS**, and optimized API communication with **30% faster response time** using **Axios**.

- **Mentor Connect – AI-Driven Mentorship Platform for Skill Development & Career Guidance (Ongoing)**:
  - Developing a scalable **mentorship platform** connecting **10,000+ users**, with mentor verification via **skills authentication and demo video uploads (minimum 60 seconds each)**.
  - Implementing a **mentor search system** allowing users to access **1-on-1 mentorship**, including **live Q&A sessions (15-30 min)**, **structured roadmaps (covering 5+ skills)**, and **detailed course explanations**.
  - Built on **MERN Stack (MongoDB, Express.js, React.js, Node.js)**, integrated with **Machine Learning APIs** for personalized recommendations, **JWT authentication** ensuring **99.9% secure transactions**, and **Payment Gateway Integration** supporting **multiple payment options**.

COMPETITIVE PROGRAMMING

- Solved **400+ problems** on **LeetCode** with a **1600+ contest rating**.
- Achieved a **3-Star rating** on **CodeChef** through regular participation in contests.
- Worked on coding challenges on **Codeforces** and **GeeksforGeeks**.

ACHIEVEMENTS

- Ranked among the **top 25 teams** in the **Internal Smart India Hackathon (SIH)**.
- Captained the **GVP College chess team** to **victory** in the **AU Men's Team Chess Championship 2022**.

CERTIFICATIONS

- **Front-End Web Developer Certification** – Infosys Springboard
- **Fundamentals of C++ Certification** – edX (IBM)

VOLUNTEER EXPERIENCE

- **Youth for Seva Club – Active Member** — Visakhapatnam, India
  Engaged in social service projects, educational initiatives, and environmental awareness programs. — *2024 - Present*

- **Rotaract Club – Former Member** — Visakhapatnam, India
  Contributed to community service, leadership programs, and charitable activities. — *2023 - 2024*