

# RUTHVIK MATURU

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## PROFESSIONAL SUMMARY

Passionate and results-driven software developer with expertise in AI, MERN stack, and full-stack development. Strong problem-solving skills backed by competitive programming achievements and hands-on experience in building scalable, user-focused applications. Proficient in Java (OOP), Python, C++, and C, with additional skills in data visualization using Power BI, Tableau, and R. Quick to adapt, innovative in approach, and committed to delivering efficient, high-quality solutions.

## EDUCATION

Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology

June 2027

B.Tech CSE (AI & ML) – VNRVJIET, Hyderabad | GPA: 9.26/10 | Expected 2027

Coursework: DBMS, OS, ML, AI, DAA, DSA

## PROJECTS

- **Blog Web App (MERN, Firebase)** – Full-stack CRUD blog with secure authentication. REST APIs for seamless frontend-backend communication.
- **Campus Career Connect (MERN, Firebase)** – Networking platform with real-time chat, event updates, and role-based access.
- **Hostel Management System (MERN)** – CRUD-based hostel records and fee tracking with admin dashboard.
- **Event Management System (MERN)** – Event scheduling, registration, and participant management with role-based access.
- **Movies DBMS (MySQL)** – Designed schemas and optimized SQL queries for movie database.

## CERTIFICATIONS & CODING PROFILES

- **Certifications:** MERN Stack Development, Data Visualization (Tableau), C++ (NPTEL – Ongoing), Competitive Programming (Smart Interviews – Ongoing), Google Cloud Skill Boost Certifications
- **Coding Profiles:** Codeforces – 1272 | CodeChef – 1607 | LeetCode – 1683 | HackerRank

## SKILLS

- Programming Languages: C, C++ (Basics), Java (OOP), Python, R (Basics), SQL
- Web Development: HTML, CSS, Bootstrap, React.js, Node.js
- Databases: MySQL, MongoDB
- Tools & Technologies: GitHub, VS Code, Figma (UI/UX Design)
- Core Competencies: Data Structures & Algorithms, API Development, RESTful Services, Authentication & Authorization

## ACHIEVEMENTS

- **Competitive Programming:** Solved 350+ problems on LeetCode, 500+ on CodeChef, and 200+ on Codeforces.
- **Contests & Rankings:**
  - Participated in 100+ coding contests across LeetCode, HackerRank, CodeChef, and Codeforces.
  - Top 100 Coders – Secured 27th position in 1st year.
  - Smart Interviews Leaderboard (VNRVJIET) – 1st place with 84,000 points.
  - Turing Cup 2025 – Secured 12th position.
  - Codenox 2.0 – Secured 10th position in 1st year.
- **Hackathons:** Participated in Webathon, Ideathon, Krithothan, Smart India Hackathon (SIH), and VJ Hackathon.

## POSITIONS OF RESPONSIBILITY

- **Technical Volunteer – ISTE (VNRVJIET):** Assisted in organizing and supporting technical events such as Web Dev 101 and AI Ascent – Agentic Era, guiding participants and ensuring smooth event execution.
- **Member – Computer Society of India (CSI).**