Rakesh Reddy Mandapati

3rd Year Undergraduate

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OBJECTIVE

I am a motivated Computer Science student passionate about AI, machine learning, and full-stack development. I enjoy solving real-world problems by building efficient, scalable applications using java. I actively learn through projects, coding challenges, and open-source contributions, and I aim to apply my skills to impactful real-world projects.

EDUCATION

- **VIT-AP University**   Andhra Pradesh, India
  Bachelor of Technology in Computer Science, GPA: 8.3/10   *Aug 2023 - Present*
- **Sri Chaitanya Educational Institutions**   Vijayawada, India
  Class 12 (Intermediate), Andhra Pradesh Board, Score: 856/1000   *June 2021 - Apr 2023*

INTERNSHIP EXPERIENCE

- **Web Development Intern**   Mar 2025 – Apr 2025
  SkillCraft Technology   *Remote*
  - Architected responsive web pages using **HTML, CSS, and JavaScript**, enhancing user experience and UI consistency
  - Implemented interactive features such as forms and dynamic content to improve functionality
  - Gained practical experience in web development workflows, version control, and best coding practices

COMPETITIONS & CONFERENCES

- Active on **LeetCode** — 150+ problems solved and regular Weekly/Biweekly contest participation.
- Competitive programmer on **CodeChef** — regular contest participation; currently **1★ rating**.
- Consistently practicing DSA across **Codeforces, SPOJ, InterviewBit, and HackerRank**.
- Participated in **2 hackathons**, creating web applications that solve real-world problems.

PROJECTS

- **Employee Payroll System** (*Spring Boot, React.js, MySQL*)   Jan 2025 – May 2025
  - **Developed a payroll management platform using Spring Boot, React.js, and MySQL.**
  - **Implemented secure role-based access and automated salary processing features.**
  - **Included modules such as Admin, Employees, Attendance, Benefits, Departments, and Payroll.**
  - **Integrated REST APIs with a responsive React.js dashboard for smooth user interaction.**

- **Medical Student Management System** (*MongoDB, Express.js, Node.js, JWT, Swagger*) June 2025 – Dec 2025
  - **Built a backend system for managing medical student information using Node.js and MongoDB.**
  - **Added modules for Admin and Student with secure data handling and access control.**
  - **Implemented JWT-based authentication to protect student and admin operations.**
  - **Created REST APIs and documented them using Swagger for easy testing and collaboration.**

CERTIFICATIONS

- Earned the **MongoDB Associate Database Administrator** certification from MongoDB University, demonstrating strong skills in NoSQL databases and database operations.
- Completed the **Oracle Generative AI Certification**, gaining hands-on knowledge in building AI-driven applications using Oracle's GenAI tools.
- Successfully completed the **Artificial Intelligence Fundamentals** course from Great Learning, covering core AI concepts, ML workflows, and model evaluation techniques.
- Achieved the **Problem Solving (Intermediate)** certification on LeetCode, showcasing proficiency in algorithms and competitive programming.
- Completed the **NPTEL Introduction to Machine Learning** course offered by **IIT Madras**, covering supervised, unsupervised learning, model training, and ML pipelines.

POSITIONS OF RESPONSIBILITY

- **Academic Member:** *TGC Student Body Club, VIT-AP University*
- **Volunteer:** *VITopia International Fest,VIT-AP University* – Coordinated events and supported the team