ADLA RAMAKRISHNA REDDY

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Professional Summary

Aspiring Software Engineer with practical experience in **Java Full-Stack Development**, specializing in the **Spring Framework**. Also proficient in the **MERN stack**—including **React.js**, **Node.js**—as well as **Python**, **SQL**, and **Java**. Eager to leverage my technical expertise to drive innovative **full-stack solutions**.

Education

Anurag University – Ghatkesar, Hyderabad   Sept 2022 – Mar 2026
Bachelor of Technology in Computer Science and Engineering   *CGPA: 8.42/10*

Technical Skills

- **Frontend Technologies :** HTML, CSS, JavaScript, React.js, Tailwind CSS, Bootstrap, Vite
- **Backend Technologies:** C, Java, Python, Node.js, Express.js, JWT, Spring Boot, Django
- **Databases:** MySQL, MongoDB, PostgreSQL
- **APIs:** RESTful APIs, Axios, Fetch, Postman
- **Development Tools:** Git, GitHub,VS Code, Visual Studio, Docker

Coursework

Data Structures, Analysis and Design of Algorithms, Object-Oriented Programming, Computer Networks, Operating Systems, Database Management Systems (DBMS), Agile Methodology

Experience

EY GDS & Edunet Foundation ○   Feb 2025 – Mar 2025
Full Stack Web Development Intern (AICTE Internship)   *Remote*

- Developed a scalable **Project Management Tool** streamlining task assignment and tracking, improving efficiency by 80%.
- Integrated real-time collaboration features with **Socket.io**, reducing communication delays by 30%.
- Revamped UI/UX with React and Tailwind CSS for improved responsiveness and accessibility by 50%.
- Implemented **RESTful APIs** with JWT and RBAC, securing data for 100+ users and reducing breaches by 40%.
- Engaged in 10+ **Agile/Scrum** ceremonies and 15+ code reviews, resolving bugs by 25% and ensuring timely delivery.
- Automated **CI/CD** pipeline with GitHub Actions and Vercel, cutting deploy time by 60% and enabling daily releases.

Technologies Used: React.js, Node.js, Express.js, MongoDB, Git, GitHub, Docker, RESTful APIs.

Projects

BLOG APPLICATION   [GitHub]
Technologies Used: Python, Django, PostgreSQL

- Built a secure, full-stack blog platform with authentication, data protection, and scalability across environments.
- Implemented robust database security to ensure data integrity, access control, and privacy across application layers.
- Optimized scalability to handle traffic while maintaining stability and resource efficiency under usage conditions.

AI-BASED ELECTRICITY DEMAND PROJECTION   [GitHub]
Technologies Used: Python, Machine Learning, TensorFlow

- Developed an AI model for electricity demand forecasting with secure data integration to support scalable deployment.
- Improved prediction accuracy using advanced machine learning techniques applied to diverse regional power usage patterns.
- Ensured efficient processing with secure data handling practices for consistent model training and evaluation workflows.

Certifications

- **HackerRank:** Certified in Java Programming   **2023**
- **Udemy:** HTML, CSS, and JavaScript   **2024**
- **Oracle:** Cloud Infrastructure AI Foundations Associate (1Z0-1122-25)   **2025**
- **Cisco Networking Academy:** Python Essentials 1 and 2   **2025**