

ADLA RAMAKRISHNA REDDY

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🌐 [Portfolio](#)

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
- **Backend Technologies:** C, Java, Python, Node.js, Express.js
- **Frameworks:** Spring Framework, Spring Boot, Django
- **Databases:** MySQL, MongoDB, PostgreSQL
- **APIs:** RESTful APIs, Axios, Fetch, Postman
- **Development Tools:** Git, GitHub, Docker

Coursework

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

Experience

EY GDS & Edunet Foundation

Feb 2025 – Mar 2025

Full Stack Web Development Intern (AICTE Internship)

Remote

- Developed a scalable **Project Management Tool** to streamline task assignment and tracking, improving workflow efficiency by **40%**.
- Integrated **real-time collaboration** via Socket.io, reducing team communication delays by **30%**.
- Revamped **UI/UX with React and Tailwind CSS**, increasing responsiveness and accessibility by **50%**.
- Built secure **RESTful APIs** with JWT and RBAC, ensuring **100% uptime** and reducing vulnerabilities by **60%**.
- Handled deployment with **GitHub and Vercel**, enabling continuous integration and streamlined version control.
- **Project Link:** [GitHub Repository](#)

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

Projects

BLOG APPLICATION

[GitHub Repository](#)

Technologies Used: Python, Django, PostgreSQL

- Built a secure, full-stack blog platform with authentication, data protection, and seamless scalability.
- Implemented robust database security to ensure data integrity, access control, and user privacy.
- Optimized scalability to handle growing traffic while maintaining stability and resource efficiency.

AI-BASED ELECTRICITY DEMAND PROJECTION

[GitHub Repository](#)

Technologies Used: Python, Machine Learning, TensorFlow

- Developed an AI model for electricity demand forecasting with secure data integration.
- Improved prediction accuracy using advanced machine learning techniques.
- Ensured efficient processing with secure data handling practices.

Certifications

- **Oracle:** Cloud Infrastructure AI Foundations Associate (1Z0-1122-25) **2025**
- **HackerRank:** Certified in Java Programming **2023** [Link](#)
- **Udemy:** HTML, CSS, and JavaScript **2024** [Link](#)