ADLA RAMAKRISHNA REDDY

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Professional Summary

Aspiring Software Engineer with hands-on experience in **Java Full-Stack Development**, specializing in the **Spring Framework**. Additionally, skilled in **MERN stack** technologies, including **React.js, Node.js, Python, SQL, and Java**. Seeking opportunities to leverage technical expertise in **full-stack development**.

Education

Anurag University - Bachelor of Technology in Computer Science and Engineering | Ghatkesar, Telangana **Sept 2022 – Mar 2026**

- **GPA: 8.52 / 10**

Technical Skills

- **Languages:** HTML, CSS, JavaScript, Python, C, Java
- **Frameworks:** React.js, Node.js, Express.js, Django, Spring Boot
- **Version Control:** Git, GitHub
- **Database Management:** MySQL, MongoDB, PostgreSQL
- **APIs & Integration:** RESTful APIs, integration using Axios, Fetch, Postman
- **Development Tools:** Docker

Experience

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

- Engineered a **Project Management Tool** using the **MERN stack**, increasing workflow efficiency by **40%**.
- Integrated **real-time collaboration**, reducing communication delays by **30%**.
- Optimized **UI and backend architecture**, enhancing system responsiveness by **50%**.
- Strengthened **data security and integrity**, ensuring **100% uptime** and reducing vulnerabilities by **60%**.
- Developed a scalable solution, improving project tracking accuracy by **35%**.

Project Link: GitHub Repository

Projects

BLOG APPLICATION **GitHub Repo**

- 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.

Technologies Used: Python, Django, PostgreSQL

AI-BASED ELECTRICITY DEMAND PROJECTION | SMART INDIA HACKATHON (SIH)

- 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.

Technologies Used: Machine Learning, Python, TensorFlow

Certifications

- **HackerRank:** Java Programming **2023**
- **Udemy:** HTML, CSS, and JavaScript **2024**