

Ajay Polepally

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Profile Summary

Aspiring software engineer with full-stack development skills, proficient in React, Node.js, Next.js, Angular, and Spring Boot. Experienced in Java, data structures, algorithms, and solving LeetCode problems, with a passion for coding and teamwork.

Experience

- Developed and maintained dynamic full-stack web applications with Angular and Node.js, achieving a 30% boost in performance and scalability.
- Refactored codebase to streamline components and optimize backend processes, reducing page load times by 20%.
- Engaged in code reviews to enhance code quality and maintainability.

Projects

E-commerce Web Application

MongoDB, Express.js, React.js, Node.js (MERN), Tailwind CSS

- Designed and developed a scalable full-stack e-commerce platform with features like product browsing, cart, and secure checkout.
- Implemented user authentication and authorization with JWT and role-based access.
- Integrated payment gateway and optimized product search using filtering and sorting features.

Lost and Found Tracking System

MongoDB, Express.js, React.js, Node.js (MERN), Tailwind CSS

- Built a responsive web application to help users report lost/found items and search using filters like date, location, and category.
- Developed real-time notifications and admin dashboard for efficient item verification and management.
- Enhanced user experience by implementing image uploads, status tracking, and contact system between finders and owners.

Skills

Languages: Python, Java, JavaScript, C

Databases: SQL, MySQL, MongoDB

Frameworks & Libraries: React.js, Next.js, Angular, Express.js, Spring Boot, Tailwind CSS

Tools & Platforms: Git, GitHub, Linux, Postman, VS Code

Core Competencies: Data Structures & Algorithms, API Development, Scalable Web Applications

Soft Skills: Communication, Problem Solving, Leadership, Team Collaboration

Education

Rajiv Gandhi University Of Knowledge Technologies

May 2022 – May 2026

Bachelor of Technology in Computer Science and Engineering, Basar, Telangana

Achievements

- **Hackerrank Problem Solving (Python):** Attained Gold level.
- **LeetCode Problem Solving:** Solved numerous problems, building expertise in algorithms and data structures.

- **Event Coordination:** Successfully organized events with 150+ participants.

Certifications

- **Machine Learning with Scikit-Learn and Python** – LinkedIn Learning
- **Spring Framework: Spring Boot and RESTful Web Services** – LinkedIn Learning