Vathaluru Akhileswar Reddy

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Technical Skills

Languages: GoLang, C, C++, Java, JavaScript, Tailwind CSS
Frameworks: Spring Boot, React JSX
Databases: MySQL, PostgreSQL, MongoDB, Redis
Version Control: Git, GitHub, GitLab

Education

KL University	Guntur, India
Bachelor of Technology - Computer Science and Engineering (CGPA: 9.66)	2021 – 2025

Projects

Linklytics: Developed a URL shortening platform with an intuitive interface for creating, managing, and tracking shortened links. Integrated powerful analytics for performance tracking, enhanced security with encryption, and optimized for fast, reliable redirects to ensure a seamless user experience.

Chat Application: Developed a real-time chat application using Spring Boot, WebSocket, and MongoDB for seamless, scalable communication. Built a responsive React JSX frontend with Tailwind CSS, supporting one-on-one and group messaging with low-latency interactions.

Real Estate Management System (Blockchain-Powered): Developed a blockchain-based real estate management platform using Hyperledger Fabric, enabling secure, transparent property transactions with end-to-end traceability. Implemented Go-based RESTful APIs, JWT authentication, PostgreSQL, and chaincode for ledger integrity.

Fitness AI Platform : A full-stack fitness tracking application with a React frontend and Spring Boot microservices backend. Integrates AI to provide personalized activity insights, recommendations, and safety tips. Implements secure authentication and authorization using Keycloak. Designed for scalability, maintainability, and a seamless user experience.

E-commerce: Developed an e-commerce platform using Spring Boot and microservices architecture, enabling secure online transactions and order management. Integrated Spring Security, JWT authentication, Spring Data JPA, PostgreSQL, and MongoDB for a scalable and efficient shopping experience.

AI Research Assistant: Research Assistant Extension: A Chrome extension powered by Spring AI that summarizes copied text and provides concise notes. Built with Manifest V3, it helps users quickly extract key insights from any content.

Coding

LeetCode:
Mastered problem-solving and coding skills by doing 530 plus LeetCode problems.

Geeks For Geeks:
Demonstrated expertise in applying Data Structures and Algorithms (DSA) concepts on Geeks For Geeks, solving over 300 problems.

CodingNinjas:
Enhanced coding abilities and problem-solving acumen through tackling more than 260 challenges on Coding Ninja.

Certifications

Red Hat Certified Enterprise Application Developer:
Certification: EX183 - Red Hat Certified Enterprise Application Developer
Technologies: Red Hat JBoss Enterprise Application Platform 7.0