

LEBAKU CHARANESWARA REDDY

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Professional Summary — A results-driven Computer Science student with a strong skill set in developing robust, scalable applications. My skill set includes **Full-Stack Development** (Spring Boot, Node.js, React.js), **cloud services** (AWS), and **database optimization**. I have hands-on experience in building **CI/CD pipelines** (Jenkins, GitHub Actions), securing systems with **JWT and OAuth**, and implementing automated testing with **Selenium Java**. A strong problem-solver with a background in competitive programming, I am passionate about applying my technical skills to create secure and efficient FinTech applications.

Technical Skills

Programming Languages	C, Java, Python, and	Databases	MySQL, PostgreSQL
Selenium/Java in Testing			
Frontend Development	HTML, CSS, JavaScript, React	Development Tools	VS Code, Postman
Backend Technologies	Node.js, Spring Boot	Cloud Services	AWS (EC2, S3)

Certifications

- Certificate Essentials Automation Professional	July 2025
- Networking Essentials -Cisco	March 2024
- Linguaskills - Cambridge University	Dec 2024
- RPA Developer Virtual Internship- EduSkills	2025
- Fundamentals of Red Hat Enterprise Linux	2025

Education

KL University (Koneru Lakshmaiah Education Foundation), Vijayawada <i>B.Tech in Computer Science and Engineering</i> -Strong foundation in Programming, Data Structures, Algorithms, and Full-Stack Development	May 2022– Present CGPA: 9.14
Narayana Junior College <i>Intermediate (MPC)</i> -Focused on core subjects: Mathematics, physics and chemistry, with a problem-solving approach	May 2021– May 2023 Marks: 980/1000
Sri Sai Vignan High School <i>Secondary Education (10th Grade)</i> -Academic Excellence: Strong foundation in core subjects with outstanding performance in mathematics	Apr 2020– Apr 2021 Marks: 600/600

Projects

Online Grocery Store – Technologies: React.js, Material-UI, Spring Boot, MySQL, REST APIs, JWT Authentication, WebSockets – Developed an online grocery store platform enabling real-time order tracking using WebSockets. – Implemented JWT-based authentication with OAuth to improve security and scalability. – Optimized database queries and introduced Redis caching, reducing response time by 30%. – Designed an interactive store dashboard for managing orders, reducing manual intervention by 40%. – Expected Outcome: Improved user satisfaction and streamlined order processing.	Jan 2025 – March 2025
Online Ecommerce App – Technologies: React.js, Spring Boot, Tomcat, MySQL, REST APIs, Git, Jenkins – Developed a full-stack e-commerce platform with a user-friendly interface using React.js and a robust backend powered by Spring Boot . – Orchestrated the development process on an Apache Tomcat server, establishing automated monitoring protocols. – Integrated Jenkins to build a CI/CD pipeline , automating the build and deployment process from Git , which reduced deployment time by 50%. – Designed and optimized the database schema in MySQL Workbench , handling product catalogs, user profiles, and order management efficiently. – Implemented RESTful APIs for secure communication between the frontend and backend, ensuring a seamless user experience. – Automated testing procedures to maintain code quality and stability throughout the development lifecycle. – Result: Successfully launched an e-commerce platform that provided a smooth shopping experience and a streamlined order management system for administrators.	April 2025 – August 2025