

# Sai Teja Yaruva

Hyderabad, Telangana, India

+91 9959490974

[saitejayaruva2003@gmail.com](mailto:saitejayaruva2003@gmail.com)

[linkedin.com/in/saitejayaruva](https://www.linkedin.com/in/saitejayaruva)

[portfolio](#)

## Profile Summary

Detail-oriented and enthusiastic Software Developer with a strong foundation in **Java, Spring Framework, and RESTful Web Services**. Skilled in designing and developing scalable backend systems using **JDBC, Servlets, JSP, and Spring Boot**. Experienced with **Docker** for containerization, **AWS** for cloud deployment, and **Git** for version control. Proficient in **system design principles** and applying them to build reliable, maintainable architectures. Adept at problem-solving, writing clean and efficient code, and collaborating in agile development environments. Passionate about creating high-performance backend systems and exploring modern DevOps and microservice-based architectures.

## Education

G. Pulla Reddy Engineering College

Kurnool, Andhra Pradesh

**Bachelor of Technology in CSE with specialization in Artificial Intelligence and Machine Learning**

Dec 2021-May 2025

CGPA: 7.81/10.0 (no backlogs)

## Projects

**Shrtly – Full Stack URL Shortening Platform** | React, Vite, Tailwind CSS, Spring Boot, Spring Security, PostgreSQL (Neon), Docker

[GitHub Repository](#) [Live Site](#)

Dec 2025

- Built a fully responsive URL shortening platform with secure JWT-based authentication and analytics tracking.
- Developed a scalable **Spring Boot backend** with REST APIs, role-based security, token validation, and JPA-based data persistence.
- Implemented a **React + Vite frontend** with dynamic routing, protected pages, and interactive UI using Tailwind CSS and Material UI.
- Integrated real-time click analytics using **Chart.js**, enabling users to visualize URL performance and usage trends.
- Connected the backend to a **PostgreSQL database hosted on Neon Cloud**, ensuring high availability and SSL-secure operations.
- Containerized both frontend and backend using **Docker**, improving portability and easing deployment on Netlify and Render.
- Solved key challenges including CORS configuration, route refresh issues on Netlify, Docker networking, and cloud database connectivity.
- Delivered a clean, production-ready application used for link management, redirection tracking, and secure user authentication.

**AI Email Writer – Chrome Extension** | Spring Boot, React.js, Gemini API, Java, REST APIs, MySQL, Docker, Chrome Extension

[GitHub Repository](#)

Oct 2025

- Developed a Chrome Extension that automatically generates professional email replies directly inside Gmail using Google Gemini LLM.
- Built a Spring Boot backend to handle AI prompt generation and response formatting, deployed on Render Cloud for 24/7 availability.
- Integrated Gemini API to create context-aware and tone-adjustable responses (formal, casual, empathetic).
- Implemented content script injection to dynamically detect Gmail compose windows and insert an “Auto Reply” button with AI functionality.
- Designed a clean, interactive React.js frontend for better UI control and responsiveness.
- Enhanced productivity by reducing average email response time by 70% and ensuring consistent communication tone.

**Real-Time Chat Application** | Spring Boot, WebSocket (STOMP), Maven, HTML5, CSS3, Docker, Render

[GitHub Repository](#)

Oct 2025

- Designed and implemented **bi-directional real-time messaging** using **Spring Boot + WebSocket (STOMP)** protocol.
- Built a **responsive single-page UI** using HTML5 and CSS3 for seamless chat experience.
- Integrated **dynamic user presence tracking** to display online/offline users in real-time.
- Containerized the application using **Docker** and deployed it to **Render Cloud** with CI/CD auto-deployment from GitHub.
- Optimized the backend to handle **multiple chat rooms concurrently** with minimal latency.

## Technical Skills

**Programming Languages:** Java, Python

**Web Technologies:** HTML, CSS, JSP, Servlets

**Frameworks & Libraries:** Spring Boot, Spring MVC, JDBC

**AI & Machine Learning:** Google Gemini API, Generative AI Integration, Prompt Engineering, RESTful AI Services

**Databases:** MySQL, PostgreSQL

**Cloud & DevOps:** AWS (EC2, S3), Docker

**Software Development:** REST API Development, Microservices Architecture

**Version Control & CI/CD:** Git, GitHub, Maven, Gradle

## Certifications

- Deloitte Australia Data Analytics Job Simulation -View [Credentials](#)
- Google Advanced Data Analytics, Coursera-View [Credentials](#)
- Microsoft Power BI Data Analyst Professional, Coursera-View [Credentials](#)