

Sai Teja Yaruva

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[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

Shrly – 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](#)