



# Sai Srinivas Bojanapally

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## Objective

Harness skills in Spring Boot, React.js, and cloud orchestration tools to build and maintain microservices-based architectures, focusing on scalability, reliability, and operational efficiency for enterprise-level solutions.

## Skills

- Programming Languages: Java, Python, JavaScript
- Front-End Technologies: React.js, HTML, CSS
- Back-end Technologies: Spring Boot (including Spring Security, Resilience4j, OAuth2, JWT), JDBC, RESTful APIs, Microservices Architecture, Eureka
- Cloud Technologies: AWS, Docker, Kubernetes
- Database : MySQL

## Experience

- **UST Global International Pvt Ltd** Oct 2024 - July 2025  
Developer I - Software Engineering
  - Developed a Personalized LMS using Spring Boot and ReactJS, achieving 99.9% uptime and supporting 2,000+ concurrent users.
  - Integrated an AI chatbot via Google Cloud's Gemini API, improving student query resolution speed by 65% and boosting user engagement by 30%.
  - Streamlined front-end components and CI/CD pipelines, reducing feature rollout time by 40% and deployment time by 50%.
- **FreeCodeCamp** Oct 2023 - Jan 2024  
Web Development Intern
  - Developed responsive portfolio and food blogging websites using HTML, CSS, and JavaScript, featuring dynamic content rendering, real-time updates, and interactive UI for enhanced user experience.
  - Earned FreeCodeCamp Front-End Development Certification, validating core skills in HTML, CSS, JavaScript, and modern web development best practices

## Education

- **Institute of Aeronautical Engineering, Hyderabad.** 2021 - 2024  
Bachelor of Technology in Information Technology  
7.5 CGPA
- **Govt polytechnic College, Narayankhed.** 2018 - 2021  
Diploma in Electronics and Communication Engineering.  
7.7 CGPA
- **Vasant Valley High School, Karimnagar.** 2016 - 2017  
SSC  
8.5 CGPA

## Projects

- **Real-Time Messaging Application**
  - Developed a full-stack real-time messaging app with ReactJS, featuring individual/group chats, file sharing, user blocking, and profile customization; implemented real-time updates using RabbitMQ.
  - Secured and scaled the backend with Spring Security (JWT-based authentication), microservices architecture using Eureka, Resilience4j for fault tolerance, and role-based access control for admin/user roles.

- **Community Management System for Gated Communities**

- Built a role-based web application for gated community management, enabling admins to manage residents, announcements, maintenance, and visitor logs, while residents can report issues, request access, and receive real-time updates.
- Implemented secure authentication using JWT and OAuth2, with role-based access control and web token notifications for alerts, ensuring a seamless and secure user experience.

- **Smart Training Portal**

- Created a role-based training management portal with separate dashboards for Admin, Trainer, and Student, featuring digital attendance, task/class scheduling, assessment uploads, performance reports, and leaderboard rankings.
- Ensured secure access with Spring Security using JWT authentication, OAuth2 multi-factor login, and role-based access control, along with email notifications for updates and reminders.

- **E-Commerce Web Application**

- Developed a full-stack e-commerce platform with features like user authentication, product browsing, shopping cart, order management, and an admin dashboard for inventory, orders, and user control using ReactJS.
- Implemented secure access using Spring Security with JWT authentication, OAuth2 multi-factor login, and role-based access control to ensure safe and personalized user interactions.

- **Health Insurance Claim Analysis Using Machine Learning**

- Built a machine learning model to detect fraudulent health insurance claims using classification algorithms like Random Forest and Logistic Regression, with thorough EDA, feature engineering, and data preprocessing.
- Improved model performance through evaluation and visualization, delivering actionable insights to reduce claim processing time, flag high-risk claims early, and support data-driven decisions in insurance operations.

## **Achievements & Awards**

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- Secured 776th rank in TS E-CET Examination 2021
- Earned Google Certification in Data Analysis
- Completed FreeCodeCamp Certification in Data Analysis with Python
- Completed FreeCodeCamp Certification in Relational Databases
- Completed FreeCodeCamp Certification in Responsive Web Design

## **Intrests And Hobbies**

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- Cooking
- Traveling
- Photography