

# SURIYA PRAKSH

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## Summary

Java Developer with 2+ years of experience in developing backend solutions using Java Spring Boot and microservices architecture. Proficient in data structures, algorithms, and object-oriented design. Experienced in building scalable web applications with robust database management (SQL) and implementing security principles like authentication, authorization. Hands-on experience with Agile methodologies, ensuring efficient project delivery and collaboration. Strong debugging, problem-solving, and communication skills with a proven track record of working effectively in team-oriented environments. Passionate about leveraging modern development practices for continuous improvement.

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## Work experience

**System Engineer**, Tata Consultancy services

General Organisation for Social Insurance (GOSI)

Jul 2024 - Present

- Developed a survey module for Saudi Arabia's Government Insurance service more than 500 customers are using it daily.
- Took ownership of developing 8+ features which has been a major part of my release tenure.
- Implemented an optimized microservices-based system for clients, reducing response times by 30% and improving scalability to handle increased user traffic seamlessly.

**Assistant System Engineer**, Tata Consultancy services

Nov 2022 - Jun 2024

General Organisation for Social Insurance (GOSI)

- Gained hands-on experience with Spring Boot while contributing to a project, learning the fundamentals of microservices architecture, API development, and database integration. it daily.
- Implemented unit testing for various project modules, strengthening code quality and gaining a deeper understanding of testing strategies in a microservices environment.

**Tech Stack:** Java, SpringBoot, Microservices, Hibernate, Native Query

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## Education

Bachelor of Engineering in Mechanical Engineering

Aug 2018 - May 2022

Bannari amman Institute of Technology, Erode, TamilNadu

8 CGPA

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## Skills

Java, SpringBoot, Hibernate, Native Query, HTML, CSS, Bootstrap, Basics of (Redis, Kafka, Zookeeper).

Databases : MySql, Oracle, MongoDB(Basic)

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## Project

### Wallet Application

**Tech Stacks:** Java, SpringBoot, Spring Security, Hibernate, Redis, Zookeeper, Kafka, MySql

- Developed a personal project to deepen understanding of Java Spring Boot microservices, integrating multiple services with REST APIs, database connectivity, and basic security measures.
- Developed a wallet application using Java Spring Boot, implementing microservices communication with Kafka and caching with Redis to optimize performance and scalability.
- Integrated Spring Security for robust authentication and authorization, ensuring secure transactions within the wallet application.