


# GOPALA SWAMY MUSHINI

## SENIOR SOFTWARE ENGINEER

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## SKILLS

### Programming Languages

Java • Python • JavaScript

### Frameworks & Libraries

Spring boot • REST API  
• ReactJS • NodeJS • Kafka

### Database

PostgreSQL • MySQL • MongoDB

### Cloud

AWS - EC2 • SQS • SNS • Lambda  
• S3 • CloudFront • CloudWatch

### Others

Git • JIRA • Kubernetes • Postman  
Jenkins • Docker • DSA

## EDUCATION

### Jawaharlal Nehru Technological University

- **B.Tech** in Electrical Engineering  
Jul 2015 - Apr 2019

## COURSE WORK

### SCALER ACADEMY

- Specialisation in Software Engineering
- DSA, HLD, LLD

## ACHIEVEMENTS

- Received a **Star Performer Certification** from Rocket Software for two consecutive years.
- Participated in Rocket Build **Hackathon** and advanced to the **finals** among 2000 participants, where I presented my concept for the Code Expert Tool, an **AI** pair programming solution.

## EXPERIENCE

### Rocket Software | Pune, India

Feb 2022 - Present

#### Senior Software Engineer

##### Billing Service

- Implemented an automated Billing System that replaced manual work, saving time and reducing billing errors by **95%**.
- Empowered customers with real-time billing usage and cost insights, leading to an **80% increase** in customer satisfaction with the billing process.

##### Authentication Service

- Developed a robust login and authentication flow for the application, where user logs in with a username and password generate a **JWT token**. Utilized this JWT token as the primary authentication mechanism for inter-service communication, enhancing security and streamlining the user experience.
- Implemented **Okta sign-in** flow with Single Sign-On (SSO) by leveraging **OIDC**, simplifying user management and providing a seamless login experience across multiple services.

### Pennant Technologies | Vizag, India

Jun 2019 - Feb 2022

#### Software Engineer

##### EOD Service Enhancement

- Enhanced the EOD process in a fintech product, facilitating the settlement of EMLs, updating loan schedules, sending late payment emails, and adding penalties.
- Optimized the system to run on multiple servers, significantly improving **performance by 45%**, and leveraging **Apache Kafka** for inter-server communication.
- This resulted in a notable reduction in the downtime of the loan management system, ensuring smoother end-of-day operations.

## PERSONAL PORTFOLIO

### AI Instagram memer

- Developed a web-based meme generator using **OpenAI** APIs to generate meme text and post it directly on Instagram

### CodeExpert Tool

- Crafted an **AI** based vs code extension that serves as a coding assistant to a developer.
- Implemented this using **Code llama** LLM and AWS sage maker.