

Omprakash Siripolu

Software Engineer

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Portfolio • LinkedIn

SUMMARY

Full Stack Software Engineer experienced in developing web applications using Java, Spring Boot, and React.js. Proficient in implementing security features and working with cloud technologies. Strong background in enterprise integration solutions and automated systems. Demonstrated ability to deliver high-quality code while working effectively in team environments.

PROFESSIONAL EXPERIENCE

Software Engineer

Oct 2024 - Jan 2025

Scutoid Company

- Developed multi-tenant SaaS application (Cinebuddy) for Mythri Movie Makers using Java 17 and Spring Boot 3.0.1
- Implemented backend using MVC architecture and schema-based multi-tenancy with Hibernate
- Structured frontend using Atomic Design pattern in React.js for better code organization and reusability
- Created role-based authorization system with JWT authentication for 5 different user roles
- Integrated Azure Cognitive Services and Computer Vision AI for processing dashboard images
- Built responsive interfaces using React.js for admin, manager, and accountant portals
- Utilized Google Maps API for distance calculation and automated driver allocation
- Configured automated invoice generation using cron jobs
- Containerized applications using Docker and deployed on Azure Container Apps
- Successfully serving 1000+ active users across different roles

Software Engineer

Aug 2022 - Sep 2024

Sage IT

- Contributed to SHIP.AI project for migrating integration platform projects
- Developed services following MVC architecture using Java 11 and Spring Boot 2.7.6
- Built responsive web application using React.js, Redux, and Tailwind CSS with Jest testing
- Implemented authentication using Spring Security 5.7.5 and JWT tokens
- Followed Agile-Scrum methodology using Azure DevOps for project management
- Deployed services on Azure Container Apps
- Received Employee of the Month recognition

PROJECTS

Cinebuddy (cinebuddy.in)

- Multi-tenant application for Mythri Movie Makers with 1000+ active users
- Implemented MVC architecture for backend and Atomic Design pattern for frontend
- Created schema-based multi-tenancy for managing multiple clients
- Integrated Azure Computer Vision for processing vehicle dashboard images
- Set up automated invoice generation through cron jobs
- Technologies: Java 17, Spring Boot 3.0.1, React.js, MySQL, Azure Services, Docker

SHIP.AI - Integration Platform Migration Tool

- Tool for converting projects between different integration platforms (TIBCO to Mulesoft)
- Developed traditional and AI-based migration approaches using MVC architecture
- Reduced migration time by 60% compared to manual process
- Successfully migrated 50+ projects including complex projects up to 150MB
- Enhanced AI model accuracy from 72% to 86%
- Technologies: Java 11, Spring Boot 2.7.6, React.js, MySQL, Azure Services, Docker

TECHNICAL SKILLS

- **Programming Languages:** Java (11, 17), JavaScript
- **Frameworks:** Spring Boot (2.x, 3.x), React.js
- **Frontend:** Redux, Tailwind CSS, HTML5, CSS3
- **Database:** MySQL 8
- **Cloud & DevOps:** Azure (Container Apps, Cognitive Services, Computer Vision), Docker, Azure DevOps
- **Tools & Libraries:** Git, JWT, Spring Security, JPA, REST APIs
- **Testing:** Jest, React Testing Library

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering
Vidya Jyothi Institute of Technology

2017 - 2022