

# Omprakash Siripolu

Software Engineer

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Portfolio • LinkedIn

## PROFESSIONAL SUMMARY

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- Full Stack Software Engineer with expertise in Java (11/17), Spring Boot (2.x/3.x), and React.js
- Experienced in developing multi-tenant SaaS applications and enterprise integration solutions
- Proficient in implementing security features, including JWT authentication and role-based access control
- Skilled in cloud technologies, including Azure Container Apps, MySQL Flexible Server, and Cognitive Services
- Strong experience in automation, AI integration, and Google Maps API for workflow optimization
- Demonstrated ability to deliver scalable, high-performance applications while collaborating in Agile-Scrum teams
- Experienced in DevOps practices, including Docker containerization and CI/CD pipelines

## PROFESSIONAL EXPERIENCE

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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

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### 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

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- **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

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

2017 - 2022