Omprakash Siripolu

Software Engineer

siripoluomprakash@gmail.com ● +91 9030424047

Portfolio ● LinkedIn

PROFESSIONAL SUMMARY

- 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

Software Engineer (Contract)   **Mar 2025 - Present**

Teraforma Technologies Private Limited

- Working on SimpliMF project, a mutual fund distribution portal for client Astrat Mutual

- Implemented KYC verification system with document verification and e-Sign capabilities

- Developed secure admin panel for managing agents, clients, AMCs, and commission structures

- Built real-time validation and verification flows using React.js and TypeScript

- Created automated email notification system for KYC status updates

- Designed responsive mobile-first interfaces using Ant Design and SCSS modules

- Technologies: React.js, Next.js 15, TypeScript, Ant Design, SCSS, REST APIs

Software Engineer   **Oct 2024 - Jan 2025**

Aixlerators

- 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

SimpliMF (simplimf.com)

- Developed comprehensive mutual fund distribution portal for Astrat Mutual with KYC verification
- Implemented secure admin panel for managing agents, clients, AMCs, and commission structures
- Built real-time validation flows and document verification system with e-Sign capabilities
- Created automated email notification system for KYC status updates
- Integrated third-party services for identity verification and document processing
- Designed responsive mobile-first interfaces using Ant Design and SCSS modules
- Technologies: React.js, Next.js 15, TypeScript, Ant Design, SCSS, REST APIs

Destino Furniture Studio (destinofurniture.com)

- Developed full-stack e-commerce application for furniture retail company established in 2016
- Implemented core entities (Products, Categories, Users) with complete CRUD operations
- Created role-based authentication system with password hashing
- Designed RESTful APIs for product management, user operations, and email communications
- Integrated email service with SMTP configuration for customer inquiries
- Developed responsive frontend using React with Vite, TailwindCSS, and React Query
- Implemented advanced product filtering, sorting, and search functionality
- Created admin dashboard with secure authentication for product/category management
- Built interactive project galleries and store location features
- Technologies: Java 21, Spring Boot 3.4.2, MySQL with JPA/Hibernate, React, TailwindCSS, MySQL, Maven, Lombok

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, 21), JavaScript, TypeScript

- **Frameworks:** Spring Boot (2.x, 3.x), React.js, Next.js

- **Frontend:** Redux, React Query, Tailwind CSS, Ant Design, SCSS, 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, Vite, Axios, Lombok

- **Testing:** Jest, React Testing Library

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering   2017 - 2022
Vidya Jyothi Institute of Technology