Ranganathaswamy Y S *Senior Software Engineer*

✉ ranganathswamy.ys@gmail.com   📞 +91-9480282010   📍 Bangalore

in linkedin.com/in/ranganathaswamyys   ○ github.com/Ranganath0108

PROFESSIONAL SUMMARY

Senior Software Engineer with 3 years of experience modernizing large-scale fintech systems and driving cloud-native transformation. Expert in Java, Spring Boot, Kafka, Kubernetes, and AWS, with a proven track record of reducing CI/CD build times by 5x, cutting infrastructure costs by 80%, and reducing monolith load by 40% through hybrid architectures. Adept at modernizing legacy applications, strengthening security, and enabling scalable deployments. Recognized for technical leadership, cross-team collaboration, and delivering measurable business impact through faster releases, improved compliance, and enhanced customer experience.

SKILLS

Databases
- Oracle DB
- MS SQL Server
- Liquibase

Security
- OWASP (XSS, CSRF, SQL Injection)
- Auth0

AI/ML Tools
Amazon Q Business

Architecture
- Microservices
- Hybrid Architecture
- Monolith Modernization

- **Languages & Databases:** Java (11–17), Python, SQL, Oracle, MS SQL Server
- **Frameworks & Build Tools:** Spring Boot, Spring Security, Hibernate, Maven, Gradle
- **Cloud & DevOps:** AWS (ECS, EKS, ECR, API Gateway), Docker, Kubernetes, GitLab CI/CD, Terraform
- **Messaging & Integration:** Kafka, REST, OpenAPI
- **Security:** OWASP (XSS, CSRF, SQL Injection), Auth0
- **Architecture:** Microservices, Monolith Modernization, Hybrid Architectures
- **Other:** Amazon Q Business, Liquibase

PROFESSIONAL EXPERIENCE

Solifi Software India Pvt Ltd   07/2025 – Present | Bangalore
Senior Software Engineer
- Optimized Gradle builds, reducing build time from 2h → 26m, boosting release velocity for 40+ engineers.

- Spearheaded Dockerization & Kubernetes (EKS) migration of 2M+ LOC monolith, improving release reliability by 30%.
- Led hybrid architecture integration, reducing monolith load by 40%.
- Integrated Amazon Q Business chatbot, cutting support response time from hours → 15m.

Solifi Software India Pvt Ltd   07/2023 − 07/2025 | Bangalore
Software Engineer
- Migrated CI/CD pipelines from Jenkins → GitLab CI, cutting deployment time by 50% and infra cost by 80%.
- Deployed monolith on AWS EKS via Terraform for scalable, consistent infrastructure.
- Integrated EDMS microservice with REST/Kafka, reducing manual document handling by 25%.
- Remediated 30+ critical security vulnerabilities, ensuring financial compliance.
- Built secure email delivery using AWS SES & Microsoft Graph API.

Solifi Software India Pvt Ltd   2022 − 2023 | Bangalore
Associate Software Engineer
- Delivered 50+ defect fixes and 10+ enhancements in core fintech product.
- Built framework for monolith-to-microservice communication.
- Remediated 10+ security vulnerabilities across frontend and backend.

KEY PROJECTS

CI/CD Pipeline Modernization
2M LOC Monolith GitLab CI, Gradle, Docker, AWS, Kubernetes
Migrated CI/CD from Jenkins to GitLab CI for a 2-million-line monolith. Introduced parallelized Gradle builds and build caching. Reduced infrastructure costs by 80% and build time from 2 hours to 26 minutes. Enabled self-service deployments.

Java 11 to Java 17 Migration
2M+ LOC Monolith Spring Boot, Maven, Docker
Upgraded 2-million-line monolith with zero downtime. Refactored legacy code using records, var, and text blocks. Validated 20% faster startup time and improved GC performance.

- CI/CD Modernization — Migrated Jenkins → GitLab CI for a 2M+ LOC monolith; cut build times 2h → 26m and infra costs by 80%.
- Java 11 → 17 Migration — Upgraded monolith with zero downtime; achieved 20% faster startup and improved GC performance.
- Hybrid Architecture — Designed coexistence of monolith + microservices; reduced monolith load by 40%.
- AI Chatbot Integration — Deployed Amazon Q Business chatbot; reduced

EDUCATION

Kalpataru Institute of Technology
B.E. in Electronics and Communication Engineering
2022 | Bangalore
CGPA: 9.36/10