



# Yeshwanth V Shenoy

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## PROFILE

Motivated and productive Lead Software Engineer with a passion for driving efficient and scalable software systems. Proficient in Java, SpringBoot, Kafka and Microservices, with strong skills in leading teams and taking responsibility. Experienced in designing and developing highly available, real-time, fault tolerant and robust systems. Seeking a challenging role to lead a team technically and solving real-world problems.

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## TOP SKILLS

**Programming Languages** Java, Golang, Typescript

**Libraries & Frameworks** Spring Boot, Spring Security, jOOQ, junit, gRPC, Protobuf, Kafka, Node.js, React.js, Jest, Docker, Kubernetes

**Databases** MySQL, PostgreSQL, MongoDB, Redis

**Protocols** HTTP 1.1 (REST), HTTP 2 (gRPC), SAML 2.0, OAUTH 2.0, OIDC, RTSP

**Tools & Platforms** GitHub, BitBucket, Jenkins, Grafana, Prometheus, Spinnaker, DataDog, PagerDuty, LogEntries, Zipkin Tracing, Nginx, Ingress

**Cloud Platform** Amazon Web Services, Google Cloud Platform

**Architectural Patterns** Monolith, Microservices, Event Driven, Server Side Processing

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## ACHIEVEMENTS

- Refactored monolith with 10k+ LOC in 3 months into 15 microservices from JDK 8 to JDK 17.
- 2x Rakuten Spot Awardee, 1x Rakuten Individual Excellence Awardee and 1x Freshworks Customer Champion Awardee

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## PROFESSIONAL BACKGROUND

### Lead Software Engineer

#### Rakuten Inc

09/2020 - present

- Developed and shipped a high load secret manager for internal project teams with SLA of 99.99% from scratch
- Onboarded secret manager as service onto Internal Cloud Platform which required due Security audits, QA audits, Metrics integrations, Billing integrations, etc in a span of less than 8 months
- Architected a Low Code Test Automation Platform widely adopted by many internal customers for release and regression testing
- Broke down a huge monolith source code into microservices and deployed onto Kubernetes and transformed team into a self-organizing team that takes care of deployments, debugging and release management
- Performed code reviews for peers and following Test Driven Development(TDD) with code coverage above 85%

### Senior Software Engineer

#### Freshworks Inc

05/2018 - 08/2020

- Wrote robust code, performant code for real time system used by Freshworks products that demanded 99.999% SLA using Microservices and Event Driven architectures
- Deployed and shipped highly scalable, fault tolerant features with latencies lesser than 250ms
- Developed Cloud Agnostic features and adoption of open source tools/frameworks thereby reducing costs of the infrastructure by around 20%
- Steered security compliance of applications and any security concerns including OWASP vulnerabilities, fixing P0, P1 and P2 items
- Integrated source code management with SonarQube for effective enforcement of security and code quality measures thereby decreasing security and minor bugs substantially
- Mentored a team of 6 engineers of various backgrounds for achieving monthly and quarterly roadmap items

### Software Engineer

#### TPF Software Pvt Ltd

05/2015 - 05/2018

- Engineered and created tools that aimed to mimic 'Find Usage(s)' in various IDEs for mainframe developers thereby increasing productivity of customers which helped increased revenue directly by 2%
- Authored and shipped critical features of multiple products that included 100% compliance with security audits and load testing