

SRIKAR RAO GANDLA

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WORK EXPERIENCE

Riot Games

Seattle, WA

Senior Software Engineer

July 2020 - Present

- Owned an [Edge solution](#) to serving global [Riot API](#) developers achieving a global **8,000 RPS** throughput.
- Achieve **0% downtime migration** of configuration service from Riak of problematic to Redis
- Reimplement service discovery, achieving high availability eliminating **30 million player impact yearly**.
- Designed a self-service module on the new Cloud-Native gateway platform reducing the overhead of managing approximately **400 SSL certificates**.

Technologies:

- Istio/Envoy, Cloudflare, Amazon AWS (EKS, Kubernetes (Controllers), S3, ElastiCache, Route53, RDS - MySQL), Java, Zuul, GoLang

Reputation.com

Scottsdale, AZ

Software Engineer

Sep 2017 - July 2020

- Created a stateless rules engine on the IFTTT principle to evaluate over **5 million events/day** dynamically.
- Implemented a seamless mail-to-ticket generating API filtering & auditing **250,000 messages/day**.

Technologies: GCP (Google Cloud Platform), SpringBoot, MongoDB, RabbitMQ, Apache Thrift, Prometheus/Grafana.

Infrastructure & Platform

- Reduced the data persistence expenses by **156K\$/year** by routing logs to a standardized logging platform.
- Accomplished **24/7** monitoring & alerting of data losses & outages by creating a glorified [watchdog](#) service.

Technologies: Amazon AWS, Consul, Groovy, ELK Stack.

Imbuesys Inc.

Rolling Meadows, IL

Software Engineer

Oct 2014 - Aug 2017

Matrix Medical Network (Scottsdale, AZ)

- Increased the performance of a REST service by **85%** designing a distributed cache persistence layer.

Technologies: Node.js, PostgreSQL, Redis, Git, JavaScript, Jenkins.

Wells Fargo & Company (Chandler, AZ)

- Implemented a robust financial payment processing middleware handling over **10 million transactions**.

Technologies: Java, IBM MQ, Spring, Couchbase, Oracle, Bash Scripting.

Deloitte/Texas HHSC (Aust)

- Increased the efficiency of **quality analysis by 70%** building web tools for enterprise software testing.

Technologies: J2EE, Apache Tomcat, Hibernate, JUnit/Mockito, DB2, AngularJS.

TECHNICAL SKILLS

- Languages → Java, Golang, JavaScript, Python.
- Databases → SQL/RDBMS, NoSQL.
- [CNCF Technologies](#) → Kubernetes, Helm, Istio, Envoy, Prometheus, etcd, Jaeger.
- Software Practices → Object-Oriented, CI/CD, Test Driven Development, Microservice architecture.
- Software Development Methodologies (SDLC) → Agile Scrum, Kanban, Code Reviews, System Design, Cross-Functional Teamwork, Application Monitoring.

EDUCATION

Northern Illinois University

DeKalb, IL

M.S. in Computer Science

Aug 2014

Coursework: Teachings of Computer Programming & Algorithms, System Analysis & Designs, Introduction to Machine Learning, and Software Engineering.