SRIKAR RAO GANDLA

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WORK EXPERIENCE

Riot Games
Seattle, WA

Senior Software Engineer
July 2020 - Present

- Owned an Edge solution to serve *700,000* Riot API developers achieving a global *10,000 RPS* throughput.
- Designed an architecture to achieve *0% downtime* migration of problematic Riak datastore by replacing it with Redis.
- Developed a self-service module on the new Cloud-Native gateway platform reducing the overhead of creating & rotating *400 SSL* certificates.
  Technologies:
  - *GoLang, Amazon AWS (EKS), Docker, Kubernetes (Controllers), Istio, Envoy.*
  - *Java, Zuul, MySQL, Amazon AWS (S3, ElastiCache, Route53), Cloudflare*

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

- 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

- Implemented a robust financial payment processing middleware handling over *10 million* transactions.
  Technologies: Java, IBM MQ, Spring, Couchbase, Oracle, Bash Scripting.

Deloitte/Texas HHSC

- 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.