

SRIKAR RAO GANDLA

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WORK EXPERIENCE

Reputation.com

Backend Engineer

Tempe, AZ

Sep' 2017 – Present

- Automated a large-scale tickets processing SaaS application ^[like JIRA] to handle respective user actions.
 - Steered over a million http events for thousands of tenants by producing a generic third-party fanout library.
- Technologies: Spring Boot, MongoDB, RabbitMQ, Redis, Elasticsearch, Apache Thrift, Prometheus.

Reliability & Platform

- Accomplished 24/7 monitoring & alerting of outages building a glorified [watch dog](#) service.
- Applied Machine Learning models to perform [anomaly detection](#) on predicting the product outages^[*].
- Reduced the data persistence expenses by 156K\$/year building a standardized logging framework.
- Ensured data and jobs execution consistency by integrating [service discovery & leader election](#) API into the platform.

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

Imbuesys Inc.

Software Engineer

Rolling Meadows, IL

Oct' 2014 – Aug' 2017

Matrix Medical Network

- Increased the performance of a REST service by 85% designing a distributed cache persistence layer.
 - Achieved the 98% uptime using Cross Data Center Replication (XDCR) & disaster recovery mechanisms.
- Technologies: Node.js, PostgreSQL, Redis, Git, JavaScript, Jenkins.

Wells Fargo & Company

- Implemented a financial payment processing middleware handling over 10 million transactions.
 - Applied a contingency process of persisting batch files as an alternative to relational database.
- Technologies: Java, IBM MQ, Couchbase, Oracle, Bash Scripting.

Deloitte/Texas HHSC

- Built automated web tools for quality analysis reducing the manual testing & bug tracking time.
 - Migrated legacy services to micro services by building libraries & isolating the database schema.
- Technologies: J2EE, Apache Tomcat, Hibernate, JUnit/Mockito, DB2, AngularJS.

EDUCATION

Northern Illinois University

M.S. in Computer Science

DeKalb, IL

Aug' 2014

Coursework: Teachings of Computer Programming & Algorithms, System Analysis & Design, Distributed Databases; Introduction to Machine Learning, Software Engineering.

JNTU College of Engineering

B. Tech in Information Technology

Karimnagar, India

April 2012

Coursework: Advanced Algorithms and Data Structures, Programming Languages, Operating Systems.

PROJECTS

- Independent Library System:* Coded a domain specific search engine for Founders Memorial Library.
- SVM Dependent Question Classifier:* Created a question classifier using a Support Vector Machine that processes text files and classifies to its appropriate groups.

TECHNICAL SKILLS

[p]: Proficient, [i]: Intermediate

- Languages → Java^[p], JavaScript, Python^[i], Linux scripting^[i]
- Databases → Sql, NoSql
- Programming Paradigms/Practices → Functional, Object Oriented, Imperative, Declarative, CI/CD, Test Driven Development
- Software Development Methodologies → Agile Scrum, Kanban
- Architectures → Service Oriented Architecture, Micro Services