SRIKAR RAO GANDLA

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WORK EXPERIENCE

Reputation.com
Tempe, AZ
Backend Engineer *Sep' 2017 – Present*

- Automated a large-scale tickets processing SaaS application [like JIRA] to handle respective tenant 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, Grafana.

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.
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.
- 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
DeKalb, IL
M.S. in Computer Science *Aug' 2014*
Coursework: Teachings of Computer Programming & Algorithms, System Analysis & Design, Distributed Databases; Introduction to Machine Learning, Software Engineering.

JNTU College of Engineering
Karimnagar, India
B. Tech in Information Technology *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