

SRIKAR RAO GANDLA

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WORK EXPERIENCE

Backend Engineer	Reputation.com, CA/AZ	02/2017 – 08/2017
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- Implementing a generic monitoring tool for micro service architecture.
- Research, Develop and Propose new technologies such as Service Discovery, Configuration Discovery
- Provide customer centric solutions evaluating the anomalies detected via the watch dog application.

Technologies: Java, Amazon AWS, Groovy, MongoDB, PostgreSQL, ElasticSearch, Redis, RabbitMQ

Software Engineer	Matrix Medical Network, AZ	02/2017 – 08/2017
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- Implementing an enterprise application on micro services using Amazon AWS, MEAN & Java.
- Increased the efficiency of REST API by 75% applying distributed caching & eventual execution.
- Prevented the client-side transaction failures by injecting a validation API for the scheduled jobs.
- Delivered automated web tools for quality analysis and control reducing the bug tracking time.
- *Technologies:* MEAN (MongoDB, Express.js, Node.js), MySQL, Redis.

App System Engineer	Wells Fargo, AZ	07/2015 – 01/2017
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- Implemented a financial payment processing middleware handling over 10 million transactions.
- Developed RESTful APIs using event driven task management & JAX-RS frameworks (RestEasy).
- Provided support & resolved the critical real-time issues in both application, persistence tiers.
- *Technologies:* Java EE, Spring, JDBC, JMS, ActiveMQ, Memcached, Oracle, HTML5, Jenkins, PL/SQL.

Software Developer	Deloitte, TX	10/2014 – 06/2015
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- Enabled data security for a web application over SOAP/HTTP(S) protocol with WS-Security, TLS/SSL.
- Created a MVC module using Spring MVC and refactored legacy DB2 system with Hibernate ORM.
- Achieved unit testing benchmarks over 90% code coverage applying test driven development.
- *Technologies:* Java EE, Linux Scripting, JQuery, Apache Tomcat, Maven, JUnit/Mockito, DB2.

EDUCATION

Northern Illinois University, IL	Master's (M.S), Computer Science	07/2014
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Coursework: Teachings of Computer Programming & Algorithms; System Analysis & Design; Distributed Databases.

JNTU College of Engineering, India	Bachelor's (B. Tech), Information Technology	04/2012
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Coursework: Advanced Algorithms and Data Structures; Programming Languages; Operating Systems

RESEARCH/ACADEMIC PROJECTS

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- *SVM Dependent Question Classifier:* Created a question classifier using a Support Vector Machine that processes text files and classifies to its appropriate group.
 - *Independent Library System:* Developed domain specific search engine functionality for Founders Memorial Library's article database.
 - *Massive File Set Processor:* Built a multithreaded utility API for file data operations such as merging, splitting, cleaning on large set of files.