Riyaz Basha Shaik

Associate Software Engineer
JPMorgan Chase and Co.

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EDUCATION

OSMANIA UNIVERSITY- HYDERABAD, INDIA   Sep 2012 – Jun 2016
Bachelor of Engineering – Information Technology   83.20%

CERTIFICATIONS

- **AWS Certified Solutions Architect Associate (AWS-CSA)**

WORK EXPERIENCE

JP MORGAN CHASE AND CO.   Hyderabad, India
Associate Software Engineer - Full Stack Developer   Jul 2016 – Present

- Designed and Built REST based highly scalable, robust and fault-tolerant production grade microservices and web applications using JavaEE, Spring framework, angular with Apache Kafka as Message broker system and deployed on Pivotal Cloud Foundry
- Implemented patterns of Service Discovery, Configuration service, Circuit Breaker
- Transformed several traditional on-premise applications to cloud-native and deployed on Pivotal Cloud Foundry
- Built ETL setup to migrate data from Oracle to MariaDB
- Developed several automated batch jobs to receive and process data from upstream systems and send data to downstream systems
- Created build, code scan, test, deploy automated pipelines (Continuous Integration and Continuous Delivery) for applications
- Built automated functional and performance test frameworks and hooked them onto the project build pipeline
- Contributed to the unit and integration testing of the applications
- Built a facial recognition system using AWS and created web and android applications to utilize the system to track guests at several firm events

SKILLS

- **Languages**: Java, Python, SQL, HTML, JavaScript, PHP, Bash, C++
- **Tools:** IntelliJ, Eclipse, SVN, Git, Maven, Pentaho, Control-M, Wily, Splunk, Dynatrace,
- **Frameworks:** Spring Framework (Middleware/Cloud), Hibernate, Microservices, RESTful APIs, Ionic, Laravel, Django, Oracle, MySQL, MariaDB, Cassandra, Pentaho, jQuery, Angular JS, Angular 2+, Bootstrap, Junit, Mockito, Selenium, Cucumber, JMeter, Linux, AWS, Google Cloud Platform, Pivotal Cloud Foundry, Apache Kafka, IBM MQ

PROJECTS

- **Data Lineage**<Java, HTML, JavaScript, d3.js, Cassandra>**:**
  Designed and built web application which analyzed SQL Query and extracted the flow of data between tables and display information graphically using d3.js
- **I and Eye Audio Book Repository**<Java, Spring boot, Angular JS, Ionic, Android, MySQL>**:**
  Built an audio book repository application (web and android) for the visually impaired students to download audio books and study from their personal devices
- **Car Damage Detection using Google Cloud API**<Java, Spring boot, HTML, JavaScript, Google Cloud Platform>**:**
  Trained a Google Cloud Vision model which detects car damage in accident including components and created API on top of it. Built a web application which uses the above exposed API and estimates percentage of car component damaged
- **Implementation of Network Security using Genetic Algorithm**<Java, MySQL>:
  Java application developed to improve security by encrypting sensitive information using a complex combination of AES and Genetic Algorithm before transmitting over the network so only an intended recipient can decrypt it.