

Shaik Riyaz Basha

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Master's student in computer science with 4 and a half years of full-stack development experience and expertise in the Auto Finance domain. Demonstrated history of working in the financial services industry. Proficient in requirement gathering and end-to-end delivery ownership. Skilled in building enterprise-based applications using Java, Restful API services, Microservices, and Spring Framework. Web development with frameworks like Angular, Vue.js. Well-versed with Database concepts and have worked with Relational Databases like Oracle, MySQL, and NoSQL databases like Cassandra. Strong knowledge of Agile Methodologies. Proficient in data structures and algorithms, SOLID principles, and Design patterns.

EDUCATION

University of Florida, Gainesville, FL Master of Science, Computer Science <ul style="list-style-type: none">Relevant Courses – Advanced Data structures, Computer Networks, Database System Implementation, Distributed Operating Systems	Jan 2021 - Present 3.89/4
Osmania University, Hyderabad, India Bachelor of Engineering, Information Technology	Sep 2012 – Jun 2016 83.20%

EXPERIENCE

UF Department of Pathology and Bioinformatics Graduate Student Assistant – Developer	Gainesville, FL Mar 2021 – Present
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Worked as a Software developer primarily responsible for building an automated genome sequence pipeline and deploying it on AWS.

- Built a web application to search and compare genes across multiple gene panels using Vue.js.
- Built an end-to-end genome sequence pipeline using AWS Batch, AWS S3, Nextflow, and python. Containerized the batch execution environment using docker and configured automated runs to reduce 90% manual effort.

JP Morgan Chase & Co Associate Software Engineer – Full Stack Developer	Hyderabad, India Jan 2019 – Dec 2020
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Worked as a Full Stack Developer in Chase Auto Domain, responsible for building APIs and web applications for Chase Auto's car-buying platform, E-Contracting platform.

- Designed and built REST-based cloud-native microservices using Spring Framework to build Chase Auto's car-buying platform. Used Apache Kafka as the Message broker system between microservices and deployed on Pivotal Cloud Foundry. Also implemented microservice patterns such as Service Discovery, Configuration service, Circuit Breaker.
- Collaborated with 3 senior team leads to conceptualize and execute a digitalized car loan contracts system. Enabled a shift away from traditional paper contracts by coding key APIs for the digital system using Spring Framework.
- Saved \$400kpa by migrating a mission-critical enterprise application from a traditional on-premise server to cloud using spring cloud and deployed on Pivotal Cloud Foundry. Re-Designed database schema of the application and built ETL setup to migrate its data from Oracle to MariaDB.
- Contributed to building the automated functional testing framework using selenium and cucumber, automated performance testing using JMeter, and automated build and deployment (CI/CD) pipelines using Jenkins. Also contributed to unit testing of the services using Junit, Mockito, and front-end unit testing using Jasmine and Karma. Made sure the code coverage is above 80%.
- Acted as the point of contact for all critical errors for all the managed applications and reduced the time to fix the critical errors by 14%.

JP Morgan Chase & Co Technology Analyst – Full Stack Developer	Hyderabad, India Jul 2016 – Dec 2018
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Worked as a Full Stack Developer in Chase Auto Domain, responsible for building APIs, web applications, and automated batch jobs for Chase Auto's Loan Management System.

- Created a web application using Angular for chase representatives to submit car loan applications on behalf of users. Built REST-based APIs using Spring Framework to process loan application data, connect to other downstream systems via REST/ MQ and send response to the web application in under 3 minutes.
- Owned and delivered modules as part of Loan Management System transformation by breaking down monolithic application to microservices and micro frontends.
- Developed automated batch jobs with spring batch and Control-M to resubmit failed loan applications and car buying leads. Also built automated batch jobs to feed dealer information to the loan management system to process loan applications.
- Worked in an agile environment as a team contributor. Responsibilities included - interaction with the Business team in story grooming, reviewing story/acceptance criteria as part of BAU requirements.

CERTIFICATIONS

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

SKILLS

Languages: Java, Python, SQL, HTML, JavaScript, Bash

Tools: IntelliJ, Eclipse, SVN, Git, Maven, Pentaho, Control-M, Splunk, Dynatrace

Technologies/ Frameworks: Spring Framework (Middleware/Cloud), Hibernate, Docker, Ionic, Laravel, Django, Oracle, MySQL, MariaDB, Cassandra, Pentaho, JQuery, Angular JS, Angular 2+, Vue.js, Bootstrap, Junit, Mockito, Selenium, Cucumber, JMeter, Linux, AWS, Pivotal Cloud Foundry, Apache Kafka, IBM MQ

PROJECTS

P2P File Sharing<Java>:

- Implemented a BitTorrent-like protocol to build a peer-to-peer file sharing application using Java with Choke/Unchoke mechanisms.

I and Eye Audio Book Repository<Java, Spring boot, Angular JS, Ionic, MySQL>:

- Built an audiobook repository application (web and android) using Ionic Framework for visually impaired students to download audiobooks and study from their personal devices.

Facial Recognition System using AWS<Java, Spring boot, Angular, AWS Rekognition, AWS S3, AWS Lambda, AWS SNS, Amazon RDS, Android>:

- Built an android, web application that maps, analyzes, and then confirms the identity of a face in a photograph.