

Rohith Chevvakula
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EDUCATION

NORTHEASTERN UNIVERSITY

Master of Science in Computer Software Engineering

Boston, USA
May 2023

WORK EXPERIENCE

INVARIA TECH

Senior Software Development Engineer

Bangalore, India
August 2020 - June 2021

- Led a team of three developers to migrate health-care product database to Google Cloud SQL leveraging Database Migration service.
- Organized bi-weekly code reviews, improving code quality and mentoring team on design patterns.
- Collaborated with cross-functional teams to transform monolithic application into microservices architecture application.
- Using build/deploy tools such as Jenkins, Docker, and Kubernetes for Continuous Integrations & deployment.

IBM

Software Developer

Bangalore, India
April 2017 - August 2020

- Mentored a team of four interns in product-based software development team following agile methodologies.
- Efficiently transformed the project from Waterfall model to Agile, achieving 100% success.
- Developed RESTful APIs from scratch for a SaaS product in Java based Spring framework.
- Minimized build time by 25 minutes through implementation of Mockito library for data mocking in unit tests.
- Optimized Kafka topic partitioning for efficient data distribution and load balancing.
- Crafted specific design goals and documented architectural & system design paper in confluence Kanban boards.

CLEARTRIP PVT LTD

Quality Analyst

Bangalore, India
November 2015 - April 2017

- Scripted and Executed regression automated test suite resulting in 40% reduction in time required for manual testing.
- Designed and developed fifty plus new test scripts for Java based test driven automation suite using selenium libraries.
- Engaged in agile activities such as sprint planning, daily stand-ups, scrums, and retrospectives.

SUMMARY

- Software Engineer with 5+ years of work experience, specializing in full-stack and cloud-based development, and database design.
- A proven track record of delivering managing large scale software engineering projects.
- Eager to apply my Computer Science and Engineering knowledge and skills in real world.

SKILLS

Frameworks and Languages: Java 8 +, Spring, Python, C++, JavaScript, HTML5, CSS, Shell, Node JS, React, Junit, Kafka, REST/SOAP Webservices.

Databases: Oracle, MySQL, SQL, NoSQL, PL/SQL, MongoDB, Casandra.

Cloud Computing: AWS (EC2, S3, Lambda, RDS, SQS, SNS, DynamoDB, VPC, IAM, CloudWatch, CloudFront, Cloud Formation, Route53, Step Function), GCP.

DevOps Tools: Jenkins, Git, GitHub CI/CD, Docker, Kubernetes.

Areas of Expertise: SDLC, Security(OAuth2.0, API tokens), Design Patterns, System Design, Automation, Linux/Unix.

PROJECTS

FITNESS CUTLET

May 2023 - Present

- Java Spring Boot maven application to calculate personalized intake based on various fitness parameters.
- Designed microservices and REST APIs for seam less communication between front-end and back-end.
- Hosted on AWS EC2 instance to ensure scalability, high availability, and fault-tolerance.

AIR TICKET RESERVATION SYSTEM

January 2023 - April 2023

- Implemented SQL objects, executed stored procedures and functions, and generated SQL reports for insights.
- Enabled secure user access and permissions to protect data and prevent unauthorized system entry.

QUICKSORT VISUALIZATION

May 2022 - August 2022

- Built interactive web app to visualize quicksort algorithm functionality using JavaScript, HTML5 and CSS.