

# Mohnish Raval

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## EDUCATION

### Master of Science in Computer Science

Aug 2022 - May 2024

*George Mason University (GMU)*

Coursework: DBMS, Component Based Software Development, Data Mining

### Bachelor of Technology in Information Technology

July 2016 - May 2020

*SRM Institute of Science and Technology (SRMIST)*

Coursework: Data Structures, Web Development, Cloud Computing

## WORK EXPERIENCE

### Full Stack Engineering Analyst

Jan 2021 - July 2022

*Accenture*

- Spearheaded the development and maintenance of Angular applications, ensuring the on-time delivery of two top-notch solutions that garnered a 95% client satisfaction rating.
- Implemented responsive design techniques using Angular Material and Bootstrap frameworks, resulting in 30% improvement in consistency of user experiences across 50 number of devices for multiple applications.
- Achieved a remarkable 98% code coverage rate by creating comprehensive unit tests and integration tests with Jasmine, Cypress, and Protractor.
- Utilized the RxJS library to handle asynchronous data streams and operators in Angular applications, resulting in a 20% improvement in code efficiency and scalability for multiple applications.

## PROJECTS

### SpringBoot App with CRUD,AWS RDS,Jenkins/Kubernetes Pipeline

Apr 2023 – May 2023

- Architected a robust Spring Boot Maven application with complete CRUD functionality, utilizing AWS RDS (MySQL) database for efficient and scalable data management; accelerated data retrieval by 50% and reduced query execution time by 30%.
- Configured Rancher's Kubernetes cluster on an EC2 instance, and deployed the latest Docker image to DockerHub registry using NodePort and load balancer services, resulting in enhanced scalability and reliability of the application.
- Established a robust CI/CD pipeline using Jenkins and Rancher, which included creating a Dockerfile to build the application's JAR file and a Jenkinsfile for automated Kubernetes deployment.
- Created a user-friendly HTML form that streamlined data submission and retrieval, enhancing user experience and increasing data accuracy by 25%.

### Covid Tracker [\[link\]](#)

July 2020 - Aug 2020

- Crafted and deployed a web-based Covid-Tracker application using React and Firebase, allowing users to monitor and track daily statistics of Coronavirus cases by country.
- Introduced interactive data visualization to visualize and present real-time updates on confirmed cases, recovered cases, and deaths, enhancing the user experience and facilitating data-driven decision-making.
- Leveraged the disease.sh API to access and fetch accurate, up-to-date global virus spread data, ensuring reliability and timeliness of information displayed.

## SKILLS

Languages	Python, Java, Typescript, Javascript, SQL
Cloud Platforms	AWS(RDS,EC2,S3), Azure
Databases	MySQL, Postgres
Tools	Git, Docker, Jenkins, Kubernetes
Frameworks	Angular, Springboot, ReactJS

## PROFESSIONAL CERTIFICATIONS

- **AWS Certified Cloud Practitioner** | Issued By AWS | July 2023