

# Mohnish Raval

 GitHub  LinkedIn  @mohnishraval40@gmail.com  (571) 279 2215  portfolio website

## EDUCATION

<b>Master of Science in Computer Science</b> <i>George Mason University (GMU)</i>	Aug 2022 - May 2024
<b>Bachelor of Technology in Information Technology</b> <i>SRM Institute of Science and Technology (SRMIST)</i>	July 2016 - May 2020

## SKILLS

<b>Languages</b>	Java,HTML,CSS,JavaScript,TypeScript,Python,SQL
<b>Cloud</b>	AWS(RDS, EC2, S3),Azure
<b>Databases</b>	Oracle,MongoDB,PostgreSQL,MySQL,DynamoDB,EhCache
<b>Tools</b>	Git,Docker,Jenkins,Weblogic,Tomcat,Webpack,Babel,ESLint,npm,Ajax,jQuery,Gulp,Grunt
<b>Frameworks</b>	Spring Boot,J2EE,Hibernate,Kafka,React.js,Angular,Vue.js,Express.js,Redux,NgRx, NodeJS
<b>Testing</b>	JUnit,Selenium,Jest,Cypress,Jasmine,Protractor

## WORK EXPERIENCE

<b>Full Stack Engineer</b> <i>Disaster Accountability Project</i>	Apr 2024 - Present
--	--------------------

- Contributed to building a Spring Boot backend, incorporating DynamoDB tables to manage disaster response data efficiently, resulting in a 25% increase in data retrieval speed.
- Assisted in integrating Angular frontend with Java-based RESTful APIs, collaborating on AWS Lambda functions for scalability, ensuring smooth data flow and user interaction.
- Supported in implementing Cypress framework for end-to-end testing, resulting in a 40% reduction in regression defects, while also assisting in utilizing AWS S3 for web application deployment and management.

<b>Full Stack Engineering Analyst</b> <i>Accenture</i>	Jan 2021 - July 2022
---	----------------------

- Led a team in orchestrating Angular applications integrated seamlessly with Spring Boot, delivering two cutting-edge solutions punctually, both earning a resounding 95% client satisfaction.
- Engineered and fine-tuned RESTful APIs through Spring Boot, managing a workload of 2000+ daily API requests, ensuring unwavering availability and dependability.
- Implemented responsive design methodologies employing Angular Material and Bootstrap frameworks, enhancing user experience consistency by 30% across diverse devices.
- Attained an outstanding 98% code coverage by crafting exhaustive unit and integration tests using Jasmine, Cypress and JUnit, fortifying the software's reliability and stability.

<b>Full Stack Engineer</b> <i>MeritPlus</i>	Jan 2020 - Dec 2020
--	---------------------

- Collaborated with a team of developers in creating a custom web-based application for client data management, reducing data entry errors by 25% and improving overall efficiency by automating repetitive tasks.
- Architected and developed secure and scalable RESTful APIs using Express.js, and MongoDB, serving over 1000+ API calls per day, while ensuring compliance with industry standards and best practices.
- Integrated third-party APIs of Twilio into web applications made using ReactJS.
- Dockerized and deployed 3 microservices to AWS ECS using Github Actions CI/CD pipelines.

## PROJECTS

<b>SpringBoot App with CRUD,AWS RDS,Jenkins/Kubernetes Pipeline</b>	Apr 2023 – May 2023
<ul style="list-style-type: none"><li>• Built Spring Boot and Angular app on AWS RDS, optimizing data retrieval and query performance.</li><li>• Configured Kubernetes cluster, deployed Docker images for scalability via Rancher on EC2.</li><li>• Set up CI/CD pipeline with Jenkins and Rancher for automated deployments</li></ul>	

<b>Covid Tracker <a href="#">[link]</a></b>	July 2020 - Aug 2020
<ul style="list-style-type: none"><li>• Crafted Covid-Tracker web app with React and Firebase, tracking COVID-19 stats by country.</li><li>• Implemented data visualization for real-time case updates, enhancing UX and data-driven insights.</li><li>• Integrated third-party disease.sh API to fetch accurate global virus spread data, ensuring timely information.</li></ul>	

## PROFESSIONAL CERTIFICATIONS

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