

SAMAD KARIM VIRANI

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Skills

Certificates: AWS Certified Cloud Practitioner

Languages and Frameworks: Java, Spring Boot, React, Redux, JavaScript, HTML, CSS, Maven, Node.js, Oracle, C++, Python, Git

Developer Tools: JetBrains Suite, Oracle SQL Developer, Jenkins, Postman, Salesforce, GitHub

Experience

JPMorgan Chase & Co.

Houston, TX

Associate Software Engineer - Corporate & Investment Banking

Mar 2021 - Present

- Increased the development team's efficiency by implementing a metadata-driven approach for visualizing data with dynamically generated SQL queries, reducing delivery time from 1 week to 4 hours
- Built a full-stack dynamic survey campaign tool that allowed users to gather critical information from their clients
- Designed and developed the database schema, API structure, and UI components using Oracle, Java/Springboot, and React
- Implemented a snooze feature to exclude users from receiving the survey for a given period of time

JPMorgan Chase & Co.

Houston, TX

Software Engineer I & II - Global Technology Infrastructure

Feb 2019 - Mar 2021

- Implemented client-requested UI features to the team's website using Angular, Java
- Improved performance of multiple SQL queries by 60% for better user experience on a global scale
- Migrated the application from virtual server infrastructure to a private cloud
- Practiced test-driven development using testing frameworks including JUnit, Mockito, and Karate
- Implemented Spring Service Registry in an effort to achieve 99.999% uptime for the platform
- Automated the onboarding and deployment of apps onto multiple cloud instances by creating a Jenkins job
- Onboarded the internal Search API to Google's API Management platform using Apigee

Projects

YouTube Clone | React, Next.js, TypeScript, Node.js, Firebase

Oct 2023 - Present

- Developing a full-stack web app that hosts and streams videos, has user profiles with public and private videos
- Planned features such as shareable video links and quality selection on upload

Force for Good | Salesforce platform

Oct 2019 - Jun 2020

- Developed a full-stack web app to help SERJobs match grants to candidates who have significant barriers to employment
- Worked with a team of 5 JPMC employees to digitize the grant matching form and implemented new features including dynamic forms and form linkage to candidate data

VOLUNTEERING

JPMorgan Chase & Co.

Houston, TX

Houston Office Involvement

Feb 2019 - Present

- Mentored over 10 interns and full-time Software Engineer Program (SEP) employees
- Assessed 8 projects for HackRice hackathon as a JPMC judge
- Represented JPMC as a recruiter at 5 career fairs and spoke at multiple Q&A Panels for prospective employees

Education

University of Houston

Houston, TX

Bachelor of Science in Computer Science, Minor in Mathematics

Dec 2018