

Samad Karim Virani

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Skills

Certificates: AWS Certified Cloud Practitioner

Languages and Frameworks: Java, Spring Boot, React, JavaScript, Typescript, Oracle SQL, Python, Git

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

Paradigms: Agile, Test Driven Development (TDD), Object Oriented Programming (OOP)

Experience

JPMorgan Chase & Co.

Houston, TX

Senior Associate Software Engineer - Corporate & Investment Banking | Java, Spring Boot, React

Mar 2021 - Present

- Built a platform enabling seamless deployment of micro-frontends using OpenFin for cross-functional teams
- Designed and implemented full-stack post-trade data and metrics visualization web application using Java and React, serving a daily user base of over 2000 bankers
- Developed a comprehensive full-stack dynamic survey campaign tool enabling efficient collection of crucial client information, cutting time from 6 month intervals to monthly campaigns
- Engineered and implemented a metadata-driven SQL query generation system, slashing delivery time of generating reports from one week to four hours
- Led a team of new recruits to successfully accomplish project objectives in a timely manner
- Provided mentorship to a cohort of over 10 interns and full-time Software Engineer Program (SEP) participants
- Served as a representative at 5 career fairs and contributed as a speaker in numerous Q&A Panels for prospective employees

JPMorgan Chase & Co.

Houston, TX

Software Engineer - Global Technology & Infrastructure | Java, Spring Boot, Angular

Feb 2019 - Mar 2021

- Developed a full-stack application with great user experience using Angular and Java allowing users to automate resiliency workflows
- Significantly boosted performance of the application by optimizing multiple SQL queries, resulting in a 60% improvement on application load time
- Implemented Spring Service Registry to ensure platform uptime of 99.999%
- Led the onboarding of the internal Search API to Google's API Management platform (APIGEE) to make onboarding of customers easier

HCSS

Sugar Land, TX

Quality Assurance Intern - Automation | PHP, Ranorex

May 2018 - Nov 2018

- Automated test cases for HeavyBid, HeavyJob, and various other HCSS products, using Ranorex and SoapUI
- Developed and maintained the HCSS Quality Assurance Automation site, a critical resource utilized by internal development teams
- Spearheaded full-stack development efforts for the HCSS internal product release site using PHP

Projects

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

Oct 2023 - Present

- Developing a full-stack web app that hosts and streams videos using Next.js, Node.js, and GCP

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, streamlining the on-boarding process from months to a few days
- 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

Education

University of Houston

Houston, TX

Bachelor of Science in Computer Science, Minor in Mathematics

Dec 2018