

# SAMAD KARIM VIRANI

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## SKILLS

### Practices

- Agile Development, Test Driven Development, Object Oriented Programming, Functional Programming, Scrum

### Languages and Frameworks

- Java, Spring Boot, React, Redux, JavaScript, HTML, CSS, Maven, Node, Oracle, C++, Python, Git, GitHub

### Development Software

- JetBrains Suite, Oracle SQL Developer, Jenkins, Postman, Salesforce
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## EXPERIENCE

### JPMorgan Chase & Co.

#### - Corporate & Investment Banking, Associate Software Engineer

Mar 2021 - Present

- Increased development team's efficiency by implementing a metadata driven approach for visualizing data with dynamically generated SQL queries
  - Reduced delivery time from averaging 1 week to 4 hours
- Built a full stack dynamic survey campaign tool from the ground up which allowed users to gather critical information on performance and other metrics with their clients
  - Designed and developed the database schema, API structure and Front End components
  - Implemented a snooze feature to exclude users from receiving the survey for a given period of time

#### - Global Technology Infrastructure, Software Engineer I & II

Feb 2019 - Mar 2021

- Software Engineer II
  - Delivered client-requested UI features on the team's Angular/Java full-stack application
  - Improved performance of multiple SQL queries for better user experience on a global scale
  - Migrated the application to private cloud in the move away from Virtual Server Infrastructure
  - Practiced Test Driven Development using testing frameworks including Junit, Mockito and Karate
- Software Engineer I
  - Helped implement Spring Service Registry in an effort to achieve 99.999% uptime for the team's platform
  - Developed a Jenkins job automating the onboarding and deployment of the team's apps onto multiple Cloud instances
  - Onboarded the internal Search API to Google's API Management platform, APIGEE

### HCSS, Automation, Quality Assurance Intern

May 2018 - Nov 2018

- Automated test cases for HeavyBid, HeavyJob, and various other HCSS products
  - Developed and maintained the HCSS Quality Assurance Automation site
  - Performed full stack development of HCSS internal product Releases site
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## PROJECTS

### Artist Song Discovery | Swift | Spotify API

May 2022 - Present

- An app that creates a playlist of all an Artist's songs
- Tracks the user's progress through the playlist

### Force for Good, SERJobs | Salesforce

Oct 2019 - Jun 2020

- Worked with a team of JPMC employees to implement a new feature for SERJobs' existing CRM tool
  - Developed a full stack solution to help SERJobs match potential grants to people with significant barriers to employment
  - Achieved 100% test coverage on all code that was implemented
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## VOLUNTEERING

### JPMorgan Chase & Co. Houston Office Involvement

Feb 2019 - Present

- Software Engineer Program (SEP) Mentor for summer interns and full time SEP employees
  - Volunteered as a judge for HackRice hackathon as a JPMC representative
  - Aided HR in multiple Q&A Panels for prospective employees
  - Volunteered at many career fairs as a JPMC recruiter
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## EDUCATION

### University of Houston

Dec 2018

- Bachelor of Science in Computer Science
- Minor in Mathematics
- Dean's List (Spring 2017)