Arsal Mehran

Software Engineer | 253-220-7352 | SEATTLE, WA

https://arsalmehran.com
arsalmehran@gmail.com
https://github.com/activearsal
https://linkedin.com/in/arsalmehran

EXPERIENCE

Software Engineer | JPMorgan Chase & Co. | Sep 2020 – Present
- Wrote and optimized Cypher Queries for Neo4J Graph DB, reducing overall runtime by 50% for all queries and implemented protection from malicious Cypher injections
- Updated Java graphDB plugin to prevent stencils that do not match the schema with custom error messages on stencil status
- Built Terrascan CLI wrapper for IaC scanning; wrote Groovy integration with Jenkins Global Library CI:CD pipelines, enabling use by engineers firmwide
- Refactored server-side API in Python, adding logs to detect unauthorized attempts
- Designed and implemented error handling for team's Java project, replacing the exclusive use of Runtime Errors with custom and more descriptive exceptions that fail gracefully

PERSONAL PROJECTS

Clothing Store – React E-commerce website | Personal Project | May 2021
- E-commerce website that handles and integrates secure payments, routes, noSQL database, and OAuth
- The goal was to become familiar with Redux and state management within a larger project, and familiarize myself with payment integration options
- Technology used: React, Redux, Node.js, Stripe, Firebase /Firestore

Face Detection App | Personal Project | February 2019
- Full-stack project that allows users to upload an image url and detect faces through interacting with Clarifai's Face Detection API
- The goal was to use my learning of both Frontend and Backend to put together a single cohesive project with moving parts
- Technology: React, Node.js, PostgreSQL, Heroku, Clarifai REST API

VOLUNTEERING

Site Lead – PRIDE PNW | JPMorgan Chase & Co. | August 2021 – June 2022
- Lead Marketing & Communications for 300+ members regarding upcoming events and activities such as volunteering events, game nights, speaking panels, and annual PRIDE Parade
- Handled completion of Event Approval Forms and attended required meetings to ensure activities did not breach firm policies, and requested budget for activities when necessary
- Chat Challenge - Partnered with another BRG and facilitated events for an ongoing month-long campaign to raise awareness for the struggles of employees who are deaf or hard of hearing

Mentor / Bootcamp Instructor | Year Up Puget Sound | April 2021 – Present
- Hosted a crash course in Python and Agile through a series of bootcamp sessions for incoming Year Up interns by developing curriculum, facilitating workshops, and recruiting volunteers for guest speaking
- Providing a layer of support for program participants by speaking at panels and guiding students/interns on navigating new roles and challenges in tech, as well as providing direct 1:1 mentorship, and being a resource for emerging software engineers