HARMANDEEP SINGH

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TECHNICAL SKILLS:

JAVA, C++, SQL, HTML, CSS, Swift, JavaScript, TypeScript, JSX, Git, AWS, EC2, RDS, Docker, jQuery, GraphQL, Bootstrap, ReactJS, Redux, Node.js, Express.js, Django, MongoDB, MySQL, PSQL, Rest API, NPM, YARN, Webpack, NoSQL, RDBMS, SCSS, React-Native, MS Azure, Object Oriented Programming, Functional Programming, Nginx, Figma, Chakra-UI

EDUCATION:

QUEENS COLLEGE, Queens, NY   **B.S. Computer Science** – May 2021
NEW YORK CITY COLLEGE OF TECHNOLOGY, Brooklyn, NY   **A.S. Computer Science** – May 2018

RELEVANT EXPERIENCE

GLOBAL REGULATORY WRITING & CONSULTING, New York, NY   August 2021 – Present
Full Stack Engineer
- Build full-stack deficiency tracker using Nginx, PM2 on EC2, RDS database with React, Node, ExpressJS, PSQL, Tableau
- Independently architect efficient and reusable components, APIs and controllers that drive complex web application
- Construct dev, testing, staging environment on AWS VPC & identified and resolved performance and scalability issues.

NEW YORK DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES, New York, NY   February – August 2021
Software Engineer Intern
- Building the next generation NYC OASys, analyzed the website for bugs & quality analysis in many lifecycle iterations
- Used concepts like asynchronous programming, closures, types, and ES6 to build browser APIs & optimize frontend UX
- Worked on front end, and communicated with Main Frame team to better migration of data to the new application

CUNY CODE, New York, NY   January 2018 – May 2018
Mobile Application Developer
- Developed a fitness application utilizing Java in Android Studios that matches individual needs with workout routines
- Utilized Mobile Vision API for image data extraction, which utilized to search related content over the internet
- Utilized MYSQL to store user's credentials, secured passwords with bcrypt, created schemas and models

NEW YORK CITY COLLEGE OF TECHNOLOGY, Brooklyn, NY   January 2018 – May 2018
Emerging Scholars Program Researcher
- Analyzed character relationships in the Game of Thrones books using Python and R Markdown
- Presented at the Mathematical Association of America conference

PERSONAL PROJECTS

- **OTTO:** Full stack application built using React, TS, NPM, GCP, Webpack, used ExpressJS on NodeJS server, and MongoDB for storage, JWT for stateless authentication. Where user can send and receive packages (Refer to GitHub)

LEADERSHIP AND HONORS

- **Fellow, America Needs You** (2017 – 2019): Selected from an applicant pool of over 300 first-generation college students in New York to serve in a 2-year career development and leadership training program
- **Tutor, Sikh Student Association** (2014 – 2016): Tutored ESL Students in math, science, and history; Conducted multi-faith workshops to educate students about different religions
- **Volunteer, Red Cross** (2014 – 2016): Raised donations to provide medical assistance to people stuck in catastrophic environments overseas

- **Languages:** Punjabi (native), Hindi (native), Urdu (advanced), Spanish (beginner)