

Manraj Gill

<http://gillmanraj.com>

✉ manraj836@gmail.com | 📞 (647) 574-2201 | [in](#) gill-manraj | [@](#) manrajg13

SKILLS

LANGUAGES

Python • Typescript • Javascript • Rust
HTML/CSS • Java • C • TailwindCSS

FRAMEWORKS

ReactJS • Flask • Django • Express • NodeJS

TECHNOLOGIES

Git • Docker • Linux • Prisma • REST API
PostgreSQL • Vercel • Pandas

EXPERIENCE

BMO | SOFTWARE DEVELOPER

Sep 2022 – Dec 2022 | Remote

- Developed validation features for an operational risk management based webapp using Pandas
- Implemented confirmation rules for 6 types of financial data files and templates
- Assisted in quality assurance of numerous tickets in order to decrease defects in multiple features

CITY OF WINDSOR | DATA MANAGEMENT

Jan 2021 – Aug 2021 | Windsor, ON

- Worked with a team to manage asset data collection of over 200 parks in Windsor
- Verified and updated over 4000 assets using Citywide Software and Geode
- Planned the sequencing of data collection in over 150 parks which increased the rate of collection by nearly 50%

PROJECTS

PEDESTAL

- A feature-rich web application using Next.js and TypeScript that empowers users to effortlessly create and showcase their projects.
- Used Next.js to build a highly performant and scalable application with server-side rendering capabilities, providing a smooth user experience
- Integrated Prisma, along with PostgreSQL to efficiently store and manage user-generated content, including project information and user profiles.

SORTING ALGORITHM VISUALIZER

- Developed a web application using JavaScript that provides a visual demonstration of various sorting algorithms using ChartJS
- Implemented code tracing feature, enabling users to track the execution of the sorting algorithm step-by-step
- Optimized the application for performance, ensuring smooth and efficient sorting animations even for large arrays

EDUCATION

UNIVERSITY OF WINDSOR | B.C.S IN COMPUTER SCIENCE (HONOURS)

September 2018 - April 2023 | Windsor, ON