

Nerushan Naguleswaran

ENGINEER · STRIVING PROGRAMMER · ENTHUSIASTIC LEARNER

Toronto, ON

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Skills

Front-End Development	HTML, CSS, Sass, Tailwind CSS, Javascript, React, Bootstrap, Typescript, Ionic, Redux, MUI
Back-End Development	Node Js/Express, Nest Js, Python
Database Development	PL/SQL, MongoDB, Postgres
Project Management Tool	Jira
QA and Testing	Postman
Version Control	Github, Bitbucket
Other Languages and Tools	C, C++, Java, Bash, Verilog, R-Studio, Unix/Linux Shell

Experience

Jr. Software Engineer (Full Stack) - Gojitech - 2021 - 2022

North York, Canada

- Working in a fast growing Health-Tech startup company with a team of software engineers aiming to modernize electronic health record(EHR/EMR) software
- Tech Stack: React, Typescript, Ionic, Nest Js, Typescript, TypeORM
- Tested API behaviors using EMR API and postman, resulting in 4 additional APIs and increased user experience
- Given Figma design and using React, Ionic and SASS to create modern functionally UI for the EMR
- Using Jira to manage personal task, report bugs or assign task

Sr. Technical Intern - Toronto Hydro - 2019 - 2019

Toronto, Canada

- Managed and lead a team of 4 people on a major meter conversion project ensuring team cohesion and fulfillment of deadlines
- Conducted meter data maintenance in industry standard software, including ODS and MV90
- Gathered meter information using PL/SQL from Oracle servers and used Excel macros to analyze and compare complex data sets
- Organized and validated manufacturer data sheet specifications using SAP and communicated essential information with supervisor and senior technicians

Projects

Full Stack Developer - My AnimeList - Present

Toronto, Canada

- Developing a modern version of MyAnimeList with Typescript and Sass to display anime content in a modern UI
- Using Axios to call a 3rd party api (Jiken API) to receive anime data and handle all HTTP status codes
- Troubleshooting any api related issue inside the Jiken Discord and discuss with other developers
- Organizing components and function to create clean code reusable code

Front End Developer - DigiDex - 2021

Toronto, Canada

- Developed a Digidex web app using React, CSS and Axios, to display and describe 200+ Digimon
- This project helped to learn and apply front end technology

Team Lead - Engineering Capstone (ENG4000) - 2020 - 2021

Toronto, Canada

- Proposed by Toronto Hydro to explore the viability of Electrical Vehicle chargers and Battery Energy Storage System for Condos in Toronto
- Developed an extensive Python simulation for the Battery Energy System (BESS), Multi-Unit Residential Building (MURB), EV chargers and car flow
- Using python to develop the EV chargers and car flow simulations to provide data on electrical consumption
- Developed billing functionality for the MURB using Node.js to show cost energy system in one environment
- Organized meetings in order to communicate project progress with Toronto Hydro and course advisors

Education

Bachelor of Engineering (BEng) in Electrical Engineering

Toronto, Canada