Nerushan **Naguleswaran**

ENGINEER · STRIVING PROGRAMMER · ENTHUSIASTIC LEARNER

111 - 80 Orenda Crt, Brampton, ON, Canada, L6W3M9

☐ (647) 525-4544 | ✉ nerushan.n@hotmail.com | ⬡ Neru9898 | ▣ Nerushan Naguleswaran

About

A self taught Software Engineer transitioning from Electrical Engineer who is willing to learn and improve on soft and technical skills. Experiences in agile teams, creating modern UI with modern languages and problem solving any issues appearing in the project life cycle.

Experience

Software Engineer(Full Stack)

GOJITECH

North York, Canada

2021 - Present

- Working in a fast growing Health-Tech startup company with a team software engineers aiming to modernize electronic health record(EHR/EMR) software
- Front-End Stack: React, Typescript, Ionic
- Back-End Stack: Node js, Typescript, TypeORM
- Using pre-existing EMR API and Postman to find issues or missing features to either improve or create API
- Using React, Ionic and SASS to create modular components and modern UI for the EMR
- Using Jira to manage personal task, report bugs or assign task

Sr. Technical Student

TORONTO HYDRO - METER DATA MANAGEMENT

Toronto, Canada

2019 - 2019

- Managed and lead a team of 4 people on a major meter conversion project ensuring team cohesion and fulfilment 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

Team Lead

ENGINEERING CAPSTONE (ENG4000)

Toronto, Canada

2020 - 2021

- 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 developed the EV chargers and car flow simulations for both (real time and historical time)
- Developed billing functionality for the MURB using Node.js and an energy management system platform to show the entire energy system in one environment
- Organized meetings in order to communicate project progress with Toronto Hydro and created progress/other reports for course advisors

Skills

Front-End Development	HTML, CSS, SASS,Javascript, React, Bootstrap, Typescript, Ionic, Redux
Back-End Development	Node.Js, Python
Database Development	PL/SQL, MongoDB, Postgres
Project Management Tool	Jira
Simulation and Numerical Tool	MATLAB, Simulink, Spice, Psim
Other Languages and Tools	Github, Bitbucket ,Postman, C, C++, Java, Bash, Verilog, R-Studio, Unix/Linux Shell

Education

Bachelor of Engineering (BEng) in Electrical Engineering

LASSONDE SCHOOL OF ENGINEERING, YORK UNIVERSITY

Toronto, Canada

2021