

# Nerushan Naguleswaran

ELECTRICAL ENGINEER · STRIVING PROGRAMMER · ENTHUSIASTIC LEARNER

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**June 14, 2021**

Dear Hiring Manager,

## About Me

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I'm in my final year electrical engineering student at York University, expected to graduate with bachelor's degree of engineering in June 2021. I have used many software during my studies and co-op like MATLAB, Simulink and Microsoft Office to analyze and organize data. As well, I've learned many programming languages such as C Java, Bash, Verilog, Unix/Linux Shell, Python and Node.js as seen on my resume. Aiming to learn more languages such as Javascript and React JS to become much more versatile in programming and very eager to further my skills. Furthermore, developed the ability working in different work environment either as a team or individual to accomplish task under multiple constraints. As well the ability to adapt to any situation that occurs in the period of accomplishing task and finding solutions to finish our goals in a timely manner.

My ability to work in groups was needed for my time at Toronto Hydro, where I was assigned to multiple projects working with many individuals. One project was called conversion project, where we were given the task to convert meters to smart meter and update information in communication and customer software. This team mainly consisted of three students, technologist, and customer care specialist, where the students had to gather readings from the meter and initiate communication from both software. Using PL/SQL to gather the customer information and Excel to filter meters data, then after using MV90 to establish the new connection for the meter. Then finally, sending the green light to the customer specialist to finish up the process. I was responsible with diving work for my team and its completions. Using Excel helped to organize data within the students and later analyze the data received to send off to other members to the team. As well communicating among managing any issues during the process with my team and communicating among the team for possible solution. Then, updating out progress or concerns to our supervisor.

I had to adapt to a new environment for my capstone project where there was an uncertainty of project scope and direction. Ultimately, the team chose to pursue a software project where we have to use new programming languages such as Python and Node.js, where I have acquired this skill by self teaching myself and in my spare time to attempt small project to build my skill. Using my knowledge to later apply to project. At the same time, learnt a new process of quality assurance and testing using a program called Postman, where it was to test the project platform. This helped finding errors in code and resolving them through the implementation stages.

I'm always eager to learn and explore new avenues to further my knowledge and skills. I have attached my resume with information of my work experiences and education. I hope to hear from you soon, reference can be provided upon request. Thank you for your time and consideration.

Sincerely,

**Nerushan Naguleswaran**

*Attached: Resume*