Sutharseehan Navajeevayokan

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Summary

Languages	JavaScript, C++, Python, Swift, HTML, CSS
Frameworks & Development Tools	Node.js, Express, MongoDB, Git, Bash, Atlassian, goormIDE
Interests	Machine Learning, Woodworking, Basketball, Piano

Experience

Junior IT Administrator — May – Aug '20
Procom Services Ltd. — *Toronto, ON*

· Fulfilled 64 employee ticket-requests regarding issues in hardware and software using JIRA ticketing system
· Worked on encrypting devices used by employees in order to ensure sensitive company data is secure
· Main duties included replacement of faculty equipment, setting up workstations for new employees (wiring up monitors, laptop docking stations, IO devices), and imaging laptops with the company intranet

Customer Service Representative — July '16 – Aug '18
Paper Express Inc. — *Brampton, ON*

· Exhibited ability to provide extensive assistance for staff, including managing deadlines for daily reports
· Collaborated with team members to efficiently file and organize Toronto Star carrier information and reports

Projects

News Web Application ⭕
JavaScript | Stack: MongoDB, Express, Node.js

· Developed a website allowing users to post intriguing articles, while also interacting through comments
· Implemented user authentication using PassportJS and integrated CRUD operations using MongoDB
· Handled HTTP requests from a NodeJS server using Express while following RESTful formatting

Color Guessing Game ⭕
JavaScript, HTML, CSS

· Created a program that would generate random colors, and while given the general RGB format of a specific color, users would be required to select a color from the provided set of colors
· Utilized CSS for formatting, HTML to display texts and JavaScript for the functionality through user input

Webpage Editor Chrome Extension ⭕
JavaScript

· Developed a Google Chrome extension that allows users to alter the webpage as shown by the browser, without directly modifying any code
· Users are able to take a screenshot of the webpage after modfications, in order to share with colleagues
· Developed and designed background script, content script, and manifest files

Mobile Messaging App ⭕
Swift | Google Firebase, ChameleonFramework

· Instant messaging app utilizing an MVC design structure to securely send/recieve multi-media messages
· Implemented Google Firebase's NoSQL database and authentication service to securely store message info

Parking Spot Sensor ⭕
Python | Arduino

· Successfully produced a program that would detect if an object is nearby through the use of an LDR sensor
· Project has a practical application to determine if a specific parking spot is either empty or occupied
· Developed Python code to send signals to LED lightbulb, which would then output a glowing LED

Education

University of Waterloo — Sept '19 – Apr '24
Candidate for Honours Bachelor of Applied Science in Computer Engineering