SETU POTNIS

Engineering Undergraduate

SKILLS

Programming Languages

JavaScript, Dart, C++, Java, Python

Web Technologies

REST, Flutter, Web Sockets, J2EE, HTML5, CSS

Data Modelling

JSON, XML, XSLT

Data Management

MySQL, MongoDB, Firebase

KEYWORDS

Front-end Development
Full-Stack Development
Agile
Java
Testing
JavaScript
Data

GET IN TOUCH

647-408-3032

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/setupotnis

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www.setupotnis.netlify.com

WORK HISTORY

Web Application Developer

National Research Council | January 2020 - Present | Ottawa
• Testing, deploying and observing data visualization systems to production servers which increased data usability for clientele by **14%**
• Creating data visualizations with d3.js to provide further machine learning tools such as energy usage statistics to reduce expenses
• Employing the use of data structures to reduce repetitive code by **12%** and reduce time complexity of algorithms to optimize for scalability, in Java and JavaScript by **16%**
• Communicating with clients through technical guides to present the product and increase customer satisfaction

Software Developer

Mirrabel Inc | May 2019- August 2019 | Toronto
• Diligently worked with the CTO to manage the backend of the website and reduce bugs by **40%**
• Produced a Shopify application by designing the user interface with react.js and redux
• Integrated Shopify API to permit existing e-commerce cosmetic stores to acquire **90%** better-targeted sales and data through direct marketing
• Automated email marketing in python to grant quicker access to cosmetic partnerships

PROJECTS

uOttaFit

February 7-February 9 | uOttaHack3 | Ottawa
• Designing a full stack application with a **React.js** frontend and a **C++** and Python backend, as well as a 3-dimensional camera, to prevent injuries related to weightlifting
• Testing the software by performing compound lifts at the gym in order to train the machine learning model
• Employing user testing to determine accuracy and usability of model for future development and improvement
• Placed **top twenty** among 177 participants overall

Smart Mirror

September 2019 - December 2019 | Waterloo
• Constructing a smart mirror mobile application with the Flutter SDK to create a more personalized home atmosphere
• Enhancing smart mirror experience by using open source software such as Spotify and Amazon Alexa Open APIs
• Reviewing code to reduce repetition and create a scalable system for the user
• Implementing a to-do list which can send reminders to emails when a task is incomplete

EDUCATION

Candidate for Bachelor of Applied Science | Nanotechnology Engineering
University of Waterloo (Class of 2023)