Setu Potnis

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Skills

Programming languages JavaScript, Java, Python, NodeJS

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

Frameworks ReactJS, Express, Django, VueJS

Data Modelling and Management MySQL, MongoDB, Firebase, PostgreSQL

Work Experience

National Research Council   Ottawa, Ontario   *Web Application Developer*   *Jan 2020 | Present*

- Testing, observing and deploying data visualization systems to production servers increasing usability 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 in Java and JavaScript to reduce repetitive code by 12% and increase scalability of algorithms by 16%
- Communicating with clients through technical guides to present the product and increase customer satisfaction

Mirrabel Inc   Toronto, Ontario   *Software Development Intern*   *May 2019 | Aug 2019*

- Diligently worked with the CTO to manage the back-end of the website in Java and reducing bugs by 40%
- Produced a Shopify application by designing the user interface with React.js, and a functional backend with Express and NodeJS
- Integrated the 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 ReactJS, C++, Python, TensorFlow   *https://github.com/setupotnis/uOttaFit*
A full stack application connected to a three dimensional camera which instructs users on how to perform weightlifting exercises properly and achieved top 5 out of 177 participants for creating technology which improved health and wellness of users

Education

University of Waterloo   Waterloo, Ontario
Bachelors of Applied Science Nanotechnology Engineering   *Sept 2018 | Apr 2023*