

# Setu Potnis

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## Skills


**Languages** (JavaScript, Java, Python, MATLAB, GraphQL, SQL, C#, C++, C)

**Libraries / Frameworks** (Django, Flask, React, Node.js, Express, Material UI, Redux, PyTorch, TensorFlow, jQuery)

**Tools** (Git, MongoDB, AWS, Azure, Microsoft Office) | **Web Technologies** (REST, HTML5, CSS, HTTP)

**OS Environments** (MacOS, Linux, Windows) | **Product Management** (Jira, Trello, Scrum, Agile, GitLab, GitHub)

## Professional Experience

**Software Developer, Box Labs**  Sep 2020 – Present | Toronto (Remote)


- Creating data visualizations with Python resulting in patients being more informed about their health risks
- Successfully converting markups in Figma to functional UI to increase the number of features from 10 to 15
- Proficiently building test cases to assess for scalability in TypeScript to minimize the impact of bugs on ux
- Improving product aesthetic and user experience of high-volume online services, resulting in a significant increase in user retention

**Product Management Intern, National Research Council**  May 2020 – Aug 2020 | Ottawa (Remote)

- Developed and executed detailed product roadmaps using both the Scrum and Agile methodologies
- Evangelized product vision to key stakeholders using customer research, and data analysis to build consensus
- Leveraged beta testing, and user research to identify and experiment with new formats and measurement methods to improve performance of current products as well as ones in development
- Collaborated cross-functionally with design, engineering, and marketing teams to identify and deliver new products and enhance existing company portfolio


**Web Application Developer, National Research Council**  Jan 2020 – Apr 2020 | Ottawa

- Developed, tested and deployed data systems to production servers increasing the usability of data
- Identified and recommended new web features in conjunction with business clients and project managers
- Independently employed the use of data structures in JavaScript to significantly reduce repetitive code and considerably improve scalability of algorithms, consequently reducing data transfer by 500ms
- Efficiently created data visualizations and machine learning tools with JavaScript to reduce energy usage statistics, consequently allowing clients to cut expenses by 20%

**Software Developer, Mirrabel Inc**  May 2019 – Aug 2019 | Toronto


- Diligently managed company website and reduced runtime errors by 40% to allow faster website performance
- Decisively produced a Shopify app with React and Express to allow other cosmetic stores to gain targeted sales
- Analyzed user data with Python to identify the success rate of existing e-commerce stores through the app
- Automated e-mail marketing with Python to grant quicker access to cosmetic partnerships to bolster product distribution worldwide

## Projects

**uOttFit, Health and Fitness**  Feb 2020

- Achieved top 5 out of 177 participants for creating technology which improved health and wellness of users
- An application made with PyTorch and JavaScript which prompts users on how to perform weightlifting exercises without becoming injured

## Education

**University of Waterloo, Honours Bachelor of Applied Science**  Sep 2018 – Apr 2023 | Waterloo

Relevant Courses: Data Structures and Algorithms, Statistics, Advanced Computational Methods