Setu Potnis

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🧠 Skills

Languages *(JavaScript, TypeScript, 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

uOttaFit, *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