Setu **Potnis**

✉ spotnis@uwaterloo.ca | ▢ 647-408-3032 | ⌘ https://www.setupotnis.ca/

Skills

Languages:	JavaScript, Java, Python, MATLAB, GraphQL, SQL, C#, C++, C
Libraries / Frameworks:	Django, Flask, Node.js, React, Express, Material UI, Redux, PyTorch, TensorFlow, jQuery
Tools:	Git, MongoDB, AWS, Azure, COMSOL, Microsoft Office Suite
Web Technologies:	REST, HTML5, CSS, HTTP
OS Environments:	MacOS, Linux, Windows
Product Management:	Jira, Trello, Scrum, Agile, GitLab, GitHub

Work Experience

Box Labs — *Toronto (Remote)*
SOFTWARE DEVELOPER — *Sept 2020 – Present*
- 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 application features from 10 to 15
- Proficiently building test cases to assess for scalability in TypeScript to minimize the impact of bugs on user experience
- Improving product aesthetic and user experience of high-volume online services, resulting in a significant increase in user retention

National Research Council — *Ottawa (Remote)*
PRODUCT MANAGEMENT INTERN — *May 2020 – Aug 2020*
- Developed and execute detailed product roadmaps using Agile methodology
- Evangelized product vision to key stakeholders using customer research, data analysis, and use cases to build consensus
- Effectively communicated with clients through technical guides to present the product and significantly increase client satisfaction
- Leveraged beta testing, data analytics, and user research to identify and experiment with new formats and measurement methods to improve performance
- Collaborated cross-functionally with design, engineering, marketing and sales teams to ideentify and deliver new product solutions and enhance existing portfolio

National Research Council — *Ottawa*
WEB APPLICATION DEVELOPER — *Jan 2020 – Apr 2020*
- Creatively developed, tested and deployed data visualization systems to production servers increasing the usability of data
- Identified, recommended, and prioritized 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
- Efficiently created data visualizations and machine learning tools with JavaScript to slash energy usage statistics, consequently allowing clients to reduce expenses by 20%

Mirrabel Inc — *Toronto*
SOFTWARE DEVELOPER — *May 2019 – Aug 2019*
- Diligently managed the back-end of the website in Python and reduced runtime errors by 40% to allow faster website performance
- Decisively produced a Shopify app by designing the user interface with React.js, and a functional backend with Express and NodeJS
- Analyzed user data with Python to identify the success rate of existing e-commerce stores with regards to increased sales
- Automated e-mail marketing with Python to grant quicker access to cosmetic partnerships to bolster product distribution worldwide

Projects

uOttaFit — *React, Python, AWS, Node.js*
A FULL STACK APPLICATION, MADE WITH PYTORCH AND JAVASCRIPT, WHICH PROMPTS USERS ON HOW TO PERFORM
WEIGHTLIFTING EXERCISES WITHOUT BECOMING INJURED AND ACHIEVED TOP 5 OUT OF 177 PARTICIPANTS FOR — *https://devpost.com/software/uottafit*
CREATING TECHNOLOGY WHICH IMPROVED HEALTH AND WELLNESS OF USERS

Education

University of Waterloo — *Waterloo, Ontario*
BACHELORS OF APPLIED SCIENCE IN NANOTECHNOLOGY ENGINEERING — *Sept 2018 – Apr 2023*