

Setu Potnis

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Skills


Languages (JavaScript, Java, HTML, Matlab, C, C++, CSS, Python) | **Tools** (Git, Azure, Flutter)

Libraries / Frameworks (React, Express) | **Product Management** (Jira, Scrum, Agile, GitHub)


Professional Experience

Web Application Developer, National Research Council  May 2021 – Aug 2021 | Remote

- Created 9 features and fixed 14 back end bugs with Java to improve client satisfaction and application usability
- Identified and recommended new web features in conjunction with business clients and project managers

Salesforce Software Engineer, Manulife  Jan 2021 – Apr 2021 | Waterloo (Remote)


- Developed detailed product roadmaps using both the Scrum and Agile methodologies
- Used Azure Data Factory to create audit reports for the Salesforce team which reduced costs by 70%
- Constructed infrastructure for microservices in Azure through Terraform to significantly reduce service costs
- Created an NPM package with TypeScript for enterprise users and added integration testing for robust usage across the Salesforce team which gives access to Salesforce microservices

Software Developer, Box Labs  Sep 2020 – Dec 2020 | 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


Web Application Developer, National Research Council  Jan 2020 – Aug 2020 | Ottawa (Remote)

- Developed, tested and deployed data systems to production servers increasing the usability of data
- 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

Facebook Clone, Social Media  Dec 2020

- Created a clone of Facebook with React and Firebase to process data and authentication with Google Auth

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 React 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 in C and C++, Statistics in MatLab and Python, Advanced Computational Methods