

# Setu Potnis


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## Skills


**Languages** (*JavaScript, TypeScript, Java*) | **Libraries / Frameworks** (*React, Express*) | **Tools** (*Git, Azure*)

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

## Professional Experience

**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

- 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, Mirabel 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, Statistics, Advanced Computational Methods, Linear Circuits, Electromagnetism, PCB Design