

Setu Potnis

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SKILLS

Languages (JavaScript, TypeScript, SQL, Rust, Java, Python, C/C++, HTML, SCSS, CSS, GraphQL, Dart, Matlab)

Libraries / Frameworks (React.js, Vue.js, Angular.js, Express.js, Node.js, Karma, Jest, Redux, Flask, Material UI, JQuery)

Tools (Git, AWS, Azure, Snowflake, Metabase, Datadog, Postman, Terraform, Firebase, Google Cloud Platform, Salesforce)

PROFESSIONAL EXPERIENCE

Deliverr & Shopify Logistics, Backend Software Engineer Intern

May 2022 – Aug 2022

- Increased speed for reimbursing merchants by **300%** by creating REST endpoints with Node.js and TypeScript to automate the process
- Elevated lost package detection by **44%** by creating an AWS lambda that periodically queries Snowflake through REST endpoints
- Raised error detection rate by **36%** by creating monitors in Datadog which alert on high latency and 500 level errors
- Boosted merchant satisfaction by creating components in React.js with **100%** test coverage so sellers have full clarity about their packages
- Created well-scoped out tickets and delegated work to other engineers on the team to ensure a successful rollout of various features

Nuvalence, Software Engineer

Jan 2022 – Apr 2022

- Increased usability of a component library by creating **12** new frontend features with React.js, Vue.js and Angular.js in TypeScript
- Enhanced user satisfaction by fixing **23** frontend bugs in React.js and Vue.js which were reported by users
- Escalated reliability of components by increasing test coverage to **100%** with Karma and Jest for new and previously created components
- Created architecture documentation for cross browser development and accessibility standards when developing a component library

National Research Council, Web Application Developer

May 2021 – Aug 2021

- Boosted operation speed by **14%** by improving microservices infrastructure by using object-oriented design principles
- Created **9** frontend features with JQuery and D3.js, allowing data to be presented and viewed on different graphs
- Fixed **14** back-end bugs with Java, improving request speed by **12%** while maintaining full functionality

Manulife, Salesforce Software Engineer

Jan 2021 – Apr 2021

- Reduced costs by **70%** by using Azure Data Factory and Salesforce connectors to create audit reports for the team
- Cut service costs by **\$30,000/annum** by constructing infrastructure for microservices in Azure through Terraform
- Increased GraphQL request speed by **8%** by creating a microservices library in TypeScript and testing with Jest

Box Labs, Software Developer

Sep 2020 – Dec 2020

- Raised user retention by **23%** by improving product aesthetic and UX of online services with React.js and Express.js
- Wrote test cases with Jest to assess for scalability in TypeScript, minimizing the impact of bugs on UX and UI
- Increased the number of large scale features from **10 to 25** by converting markups to functional UI with React.js

National Research Council, Web Application Developer

Jan 2020 – Aug 2020

- Decreased energy expenses by **20%** by creating visualizations and ML tools for energy statistics in JavaScript and D3.js
- Increased scalability and transfer speed by **150 ms/MB** by refactoring algorithms in Javascript
- Identified and recommended **6** new web features in conjunction with business clients and project managers

Tejo, Software Developer

May 2019 – Aug 2019

- Reduced runtime errors by **40%** and improved scalability by adding optimizations for REST requests in JavaScript
- Created a Shopify app with React.js and Express.js to allow other cosmetic stores to gain targeted sales

CERTIFICATES

Udemy 

Mastery of Data Structures and Algorithms

App Brewery

The Full Flutter Development Bootcamp

Linkedin Skill Quizzes 

JS, Python, Java, C++, OOP, CSS, HTML

EDUCATION

University of Waterloo,

2018 – 2023

Bachelor of Applied Science, Nanotechnology Engineering

Relevant Courses: Programming for Performance in Rust, Machine Learning, Computer Networks, Data Structures and Algorithms