Mario Pereira

Full Stack Developer (MERN/Python) |nikhilpereira125@gmail.com | 647-668-7184 | linktr.ee/nmpereira

SUMMARY

Experienced Full Stack Software Engineer skilled in JavaScript/TypeScript, Python, Git, Postman, Cypress, Jest, Linux, GCP/AWS. Built various projects including web apps, APIs, and desktop apps. Improved team workflows and automated tasks to improve productivity and output quality. Passionate about building efficient, scalable software solutions.

PROJECTS

- **Communityfocus:** Reworked Shared timer for remote teams using **React**, **Typescript**, **MongoDB**, **Socket.io**
- **TimeShare**: Shared timer for remote teams built with **Express**, **Node**, **MongoDB**, **and Socket.io**.
- **PriceDashBoard**: Price WebCrawler (**js**, **puppeteer**), **Express/MongoDB** API, **React/Tailwind**
- **ConvoCards**: Conversation card Api with frontend built with **Express**, **EJS**, **Tailwind**, **MongoDB**
- **FileDownloader**: Custom built CLI file downloader GUI built with **Python**

SKILLS

- **Programming:** MongoDB, Express, React, Node, JavaScript/TypeScript, Python, Flask/Django, Bash Scripting
- **Tool stack:** Git, Postman, Selenium, Cypress, Jest, Linux, GCP/AWS, CI/CD

EXPERIENCE

Full Stack Software Engineer, Paystone   *Aug 2022 - Present*

- Implemented complete **E2E Cypress testing library** on a **monorepo** frontend, including POC and implementation of key workflows. Also worked towards advocating for the usage, maintenance and integration of Cypress in the dev workflow.
- Successfully surfaced 30+ UI bugs through the implementation of Cypress UI testing.
- Worked on refactoring **React** components to add additional logic/functionality, improve performance and improve UX.
- Worked on reskinning the whole app as part of a rebrand using **react components** and **styled-components**.
- Worked towards improving and updating legacy payments code. Worked towards tools to better aid on-call engineers so the team could better document, track and squash on-call issues.

Stack: MongoDB, TypeScript, AWS/GCP cloud functions & App engine routes, React, Styled components, Cypress, Jest

Software Developer, Intuit   *Aug 2019 - Aug 2022*

- Improved productivity, output quality & team workflows by over 40% by building utility software, automating tasks, and implementing internal tools using **PowerShell**, **C#**, **Python**, **Bash**, **Selenium**, **CI/CD tools** and **WinForms**.
- Worked with tax analysts and developers to create the ProTax filing suite within an SLDC-based workflow – researching tax laws, implementing algorithm calculations, identifying bugs, validating data, and ensuring quality
- Implemented & tracked code changes (GitHub, RestAPI, C#, Python, HTML, CSS), troubleshot software payload errors (Jenkins, Splunk) and automated software testing (Selenium, Postman)

Application Support Specialist, InsideDesk   *Oct 2021 - Jan 2022*

- Saved staff 3h/d automating processes with **Google Apps Script**, **Selenium**/**Python**, **Power Automate**
- Implemented software connectors/APIs on client servers to automate the flow of insurance claim information
- Addressed bugs and user feedback with **PSQL**, **PowerBI** reports & several internal tools

BBA Management, University of Toronto   *2019*

- **Teaching Assistant:** Taught 80+ students accounting, statistics, and management courses   Sep 2016 - Aug 2019