

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

- **TimeShare**: Shared timer for remote teams built with **Express, Node, MongoDB, Socket.io**.
- **PriceDashboard**: Price WebCrawler (js, puppeteer), Express/MongoDB API, React/**Tailwind** Frontend.
- **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 L1, Paystone - London, ON

Aug 2022 - Apr 2023

- 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 oncall engineers so the team could better document, track and squash oncall issues.

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

Software Content 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 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), troubleshooted 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 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
- **Research Assistant**: Researched & developed financial/operational processes & models Sep 2017 - Apr 2018
- **Exam Proctor**: Helped organize & facilitate test writing for 300+ students May 2016 - Apr 2019

