John Pierre Mendoza
Full-Stack Software Engineer
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Summary

Proactive Software Engineer (4.0 GPA graduate) with 1 year of professional experience spanning full-stack development and QA automation. Experience includes building features for 10k+ users using Angular/Java, leading TypeScript adoption, optimizing AWS costs (-10%), and significantly improving testing efficiency (+20% faster regression run analyses). Passionate about clean code, collaboration, and leveraging technology (including AI/ML) to solve problems. Seeking a software development role where initiative and a broad skillset are valued.

Education

Seneca Polytechnic – Advanced Diploma in Computer Programming and Analysis | 4.0 GPA   Dec 2024

Work Experience

Software Engineer Co-op, PAR Technology – Markham, ON   Jan 2024 – Apr 2024

- Developed and maintained the web app cloud companion of PixelPoint POS – PixelPointHQ – using Angular, TailwindCSS, Java, Hibernate, and Dropwizard, following Agile methodology
- Developed the frontend for a new feature in PixelPointHQ called "price change" allowing 10k+ restaurant owners to effortlessly update item prices on all their POS systems through the web app
- Led the TypeScript adoption in the frontend codebase, reducing bugs and improving maintainability
- Reduced AWS cloud costs by 10% by identifying and eliminating useless debug logs in production
- Resolved 20+ bugs, enhancing application stability and user experience

QA Automation Engineer Co-op, PAR Technology – Markham, ON   May 2023 – Dec 2023

- Manually executed and evaluated test cases, fully documenting unexpected anomalies and defects with instructions on how to reproduce each
- Automated 100+ manual test cases using Test Complete, Selenium (.NET), and PowerShell, reducing the manual test case backlog by 70%
- Introduced the practice of test log highlighting in scripts to the automation team, making it easier to identify where tests fail, resulting in 20% faster regression run analyses

Projects

WordVision | React Native, Next.js, Supabase, Hugging Face API | github.com/WordVision/wordvision-app

- Spearheaded the development of WordVision, leading a 6-person Agile team to build an AI-powered e-reading platform that generates visualizations from highlighted text.
- Directed the product strategy by conducting market research and user interviews, ensuring feature development is aligned with user needs and enhancing the platform's user-centric design
- Orchestrated the full-stack development process, integrating a React Native frontend with a Supabase backend and external AI APIs to deliver the core feature: real-time, text-based image generation for readers.

Skills

Languages: TypeScript, JavaScript, Python, Java, HTML, CSS, PowerShell, Bash
Technologies: Angular, Next.js, React Native, TailwindCSS, Hibernate, FastAPI,
Databases: MySQL, PostgreSQL, MongoDB
Dev Tools: Git, Jenkins, Docker, AWS, TestComplete, Selenium, Jest, Figma