Paul Airuehia

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EDUCATION

Carleton University   September 2021 – May 2025
Bachelor of Computer Science Honours - Software Engineering Stream   *Ottawa, ON*
- GPA: 11.7/12

EXPERIENCE

Test Automation Intern   May 2023 – Present
Immigration, Refugees, Citizenship Canada   *Ottawa, ON*
- Automated sanity and regression tests using Selenium and C#, reducing manual testing by 25%
- Enhanced quality assurance by collaborating with various teams to integrate user-story testing, test-case development, and large-scale data creation into the CI/CD Pipeline using Azure DevOps.
- Identified and documented defects, ensuring the timely detection of critical unidentified bugs
- Contributed to enhancing the automation framework, staying current with industry trends, and participating in knowledge-sharing sessions to boost team expertise

Computer Science Teaching Assistant   September 2022 – April 2023
Carleton University   *Ottawa, ON*
- Communicated with faculty to enhance teaching techniques, developing modern approaches for students' benefit
- Marked assignments and exams in Python/Java, providing detailed feedback improving student comprehension
- Led multiple tutorial sessions of 30+ students, providing in-depth explanations
- Mentored first-year students, boosting their confidence and motivation to learn

PROJECTS

SnapShare | *JavaScript, Node.js, MongoDB, Express*
- Engineered a full-stack social-media web app end-to-end, utilizing a stack of MongoDB, Node.js, Express.js, and JS
- Designed an intuitive and responsive UI using Bootstrap 5, focusing on modern aesthetics and a seamless UX.
- Implemented key features such as user registration, login authentication/sessions, real-time photo upload, and role-based access control. As well as dynamic likes and comments and push notifications for better UX
- Addressed performance challenges to improve scalability for a growing user base.

MyGymManager | *Java, MySQL, JavaFX, Git*
- Designed and developed a Java application using JavaFX, MySQL, and Git to manage gym member records and monthly fee payments
- Crafted an intuitive JavaFX user interface streamlining data entry and retrieval improving user efficiency
- Utilized MySQL for secure database management, ensuring the safe storage and retrieval of member information.
- Maintained version control in git, preserving the integrity of the codebase.

Professional Resume Portfolio | *React, Tailwind CSS, GitHub, Google-Font API*
- Launched a resume portfolio website using React and Tailwind CSS, showcasing projects, skills, and more info
- Incorporated a sleek, responsive design with mobile support for enhanced cross-device usability and visual appeal
- Implemented continuous delivery using GitHub Actions to build the portfolio before a new release
- Deployed the portfolio on paulairuehia.com with GitHub Pages, Namecheap, and Cloudflare to ensure seamless user accessibility

TECHNICAL SKILLS

Languages: Java, Python, C/C++, C#, Kotlin, SQL (MySQL), JavaScript, HTML/CSS, Haskell
Frameworks: React, Node.js, Express.js, Bootstrap, Tailwind, NUnit, Selenium
Developer Tools: Git, Linux, IntelliJ, VS Code, Visual Studio, PyCharm, Android Studio, CI/CD

EXTRACURRICULAR SKILLS AND AWARDS

Member of Carleton's Computer Science Society
Non-CS Experience: Swiss Chalet - Lead Line Cook, The Keg - Line Cook, Canadian Tire Corp. - Warehouse Associate
Awards: Carleton Deans' Honour List(2), Walter A. Ainsworth Bursary, Henry Marshall Tory Scholarship, Carleton's President Scholarship