

Ashkan Yazdi Zadeh

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TECHNICAL SKILLS

- **Programming Languages & Data Management:** Java, Python, C, C++, C#, PHP, R, Oracle, MongoDB, Microsoft SQL Server
- **Web Development (Full-Stack):** HTML, CSS, Tailwind, JavaScript, React.js, Next.js, Vue.js, Node.js, Firebase, Algolia
- **Version Control & Tools:** Git, Selenium, BeautifulSoup, Visual Studio Code, IntelliJ IDEA, Azure DevOps Server, OpenAI API

WORK EXPERIENCE

Co-founder & Developer at Intern Insider – Vancouver, BC

Dec 2023 – Present

- Grew Intern Insider to over 36,000 subscribers with a 60% open rate in under six months, securing net positive revenue.
- Engineered an automation tool with Python, utilizing OpenAI's GPT for NLP and prompt engineering, Flask for backend operations, and RESTful APIs for seamless content integration.
- Developed a comprehensive job board and admin dashboard, employing Next.js and Tailwind CSS for front-end, and implementing Firebase Auth and Cloud Functions to sync with Algolia for real-time, semantic search capabilities.
- Reduced content production time from 40 minutes to 5, leveraging automation and data analytics to increase open rates by 8% and enhance user engagement and experience significantly.

Software Engineering Intern at KPMG – Toronto, ON

Sep 2023 – Apr 2024

- Addressed client support tickets, identifying and resolving errors within the C# and Vue.js codebases, which honed my debugging skills and improved my proficiency with large, complex code structures using object-oriented programming.
- Created a full-stack module to automate USD to CAD exchange rate retrieval, integrating front-end, back-end, and database management, not only streamlining financial reporting but also reducing manual data checks by 90%.
- Optimized the Excel export process by implementing a new C# method that consolidated data into an array before exporting to Excel, cutting export times by 60%.
- Actively participated in Agile development cycles, using Azure DevOps to better coordinate with the team and ensure timely delivery of software updates and features.

Web Developer at University of British Columbia – Vancouver, BC

Mar 2023 – Aug 2023

- Developed a full-stack e-commerce site for UBC health and wellness utilizing React.js (Next.js 13), MongoDB, and EmailJS for enhanced user experience and real-time transaction confirmations.
- Implemented Python-based web scraping with Selenium, reducing data collection time from 500 to less than 10 minutes.
- Designed a Python script to analyze and visualize data with graphs; revealing a 37% increase in time spent on the website for users who declined cookie banners.
- Employed Tailwind CSS for an intuitive UI and enabled user-specific content retrieval using URL query parameters.

TECHNICAL PROJECTS

Health and Wellness Quiz – Project

Aug 2023

- Built a Next.js 13 website, integrating Tailwind CSS, and Hotjar for enhanced UX and user engagement analysis.
- Conducted A/B testing on page aesthetics and navigational flow, optimizing background color and question transitions, which improved user engagement time by 30%.
- Boosted monthly user count from 80 to 1000 and increased average site engagement from 1:19 to 5:38 minutes.

LinkedIn Networking Database – Project

May 2023 – Jul 2023

- Designed and normalized an Oracle-PHP database, producing a BCNF-compliant ER diagram with optimized data structures.
- Developed 10+ efficient SQL queries for managing ISA hierarchies, weak entities, and aggregations.
- Built a web application, integrating Oracle with PHP to handle user profiles, posts, and 1000s of social connections.

Banking Simulation – Project

Mar 2022 – Apr 2022

- Developed a full-stack banking simulation in Java using OOP concepts such as polymorphism and inheritance for different types of bank card objects.
- Implemented JSON for local data storage and crafted an interactive GUI with Swing for user interactions.
- Achieved 100% code coverage, resulting in a streamlined debugging process, and cutting debugging time by 50%.

EDUCATION

University of British Columbia – Vancouver, BC

Sep 2021 – Apr 2026

- **Major:** Computer Science (4th year): 85.4% GPA
- **Awards:** UBC 2021-22 & 2022-23 Dean's Honours List