Ashkan Yazdi Zadeh

604-868-8664 • ashkanyz70@gmail.com • https://www.linkedin.com/in/ashkan-yazdi-zadeh/ • https://www.ashkanyz.com

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, C, C++, C#, HTML, CSS, Tailwind CSS, JavaScript, TypeScript, PHP, R,
- **Web Development & Data Management**: React.js, Next.js, Node.js, Express.js, Oracle, MongoDB, Microsoft SQL Server
- **Version Control & Tools**: Git, Selenium, Beautiful Soup, Visual Studio Code, IntelliJ IDEA, Eclipse, PyCharm, RStudio

WORK EXPERIENCE

Co-founder & Developer at Intern Insider – *Vancouver, BC*   *Dec 2023 – Present*
- Grew Intern Insider to over 13,000 subscribers with a 65% open rate in under three 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.
- Streamlined production from 40 minutes to 5, enhancing release frequency and content customization, which led to a 3% increase in open rates and improved user engagement.

Software Engineering Intern at KPMG – *Toronto, ON*   *Sep 2023 – Apr 2024*
- Contributed to AMDS (Asset Management Digital Solutions) projects, enhancing both desktop and web applications.
- Architected a novel module for a new income bucket, devising strategic formulas to optimize tax payments, minimizing the company's tax liabilities.
- Optimized export functions by making them dynamic, eliminating Excel text scans, and achieving a 13% reduction in average export time across various income bucket modules.
- Developed an automated Excel comparison tool, reducing export file testing time from over 2 hours to under 10 minutes.

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.

Innovent Hackathon – *Competition*   *Mar 2023*
- Engineered an autonomous robot for ship hull cleaning, resulting in a potential 40% fuel savings.
- Implemented BFS algorithm for efficient pathfinding and programmed sensors to detect ship edges and organisms with temperatures over 18°C.
- Secured Best Product Design award and achieved second place in the Sustainability division.

Banking Simulation – *Project*   *Mar 2022 – Apr 2022*
- Developed a full-stack banking simulation in Java using Object-Oriented Programming (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 2025*
  Major in Computer Science: 85.4% GPA
- **Awards:** UBC 2021-22 & 2022-23 Dean's Honours List