Hirbod Hosseini

(647)780-9020 | shirbod.h@gmail.com | hirbod.site | linkedIn.com/in/hirbod03

SUMMARY OF QUALIFICATIONS

- Software Developer specializing in frontend and test automation, with hands-on experience shipping production React applications and building CI pipelines that eliminate manual QA bottlenecks.
- Engineered robust CI/CD pipelines to significantly increase test coverage while eliminating repetitive manual regression cycles.
- Developed and shipped responsive UI components, successfully resolving complex frontend integration issues to enhance user experience.

EXPERIENCE

Frontend Developer (Contract) — Remote
Immensa Group — *Jun 2025 - Present*

- Engineered a high-performance client-facing platform using React and Tailwind, achieving perfect 100/100 Google Lighthouse scores on desktop and 95+ on mobile.
- Optimized Core Web Vitals by refactoring component rendering and asset delivery, boosting performance metrics from an initial baseline of ~70.
- Implemented responsive design architecture, ensuring pixel-perfect rendering across all device viewports.

Software Developer Intern (QA Automation) — Remote
Golf 918 — *Sep 2024 - Dec 2024*

- Created CI pipeline using GitHub Actions to automate User Acceptance and Integration testing.
- Developed a comprehensive test suite using Playwright, covering 80% of core user workflows.
- Collaborated with backend team to define API testing requirements, ensuring data integrity across endpoints.

Lead Facility Attendant — London, ON
University of Western Ontario — *Sep 2022 - Apr 2025*

- Managed daily facility operations in a high-volume environment while training and supervising junior staff.

EDUCATION

University of Western Ontario — London, Ontario
Computer Science (B.Sc.) — *Sep 2021 - Apr 2025*

- Relevant Courses: Data Structures & Algorithms, AI, Networks, Databases, Requirements Engineering, Project Management, OOP Design.

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, JavaScript, TypeScript, SQL.
Frameworks & Libraries: React, Node.js, Tailwind, Playwright.
Developer Tools: Docker, Jenkins, GitHub Actions, Bitbucket, Postman, MySQL, Jira, Confluence.

PERSONAL PROJECTS

POSIX Shell | *C* — *Dec 2025*

- Implemented a POSIX-compliant C shell featuring pipelines, I/O redirection, tab-completion, and fork/exec.

Cryptocurrency Price Prediction System | *Python (XGBoost, Keras, scikit-learn)* — *Apr 2025*

- Contributed to the development of multiple models (XGBoost, Random Forest, LSTM, Logistic Regression) with custom threshold optimization prioritizing financial returns over traditional classification metrics.

To-Do List Chrome Extension | *JavaScript, HTML5 & CSS* — *July 2024*

- Built a lightweight Chrome extension for daily task management with persistent storage and reminders.