

# Hirbod Hosseini

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## SUMMARY OF QUALIFICATIONS

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- Software developer with hands-on experience in a professional setting, contributing to real-world projects in a collaborative environment.
- Proven track record of designing and deploying automated testing pipelines for React and Node.js applications, reducing testing cycle times by 30% and enhancing product stability.
- Experienced in troubleshooting complex issues, from debugging Playwright test failures to optimizing backend systems for better performance and reliability in production environments.
- Actively contributed to the improvement of software development processes by proposing and implementing process enhancements that accelerated deployment times and reduced error rates.

## EXPERIENCE

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### Software Engineer (Intern)

*Golf 918 Systems*

Remote

*Sep 2024 - Dec 2024*

- \* Reduced testing cycle times by 30%, streamlining QA processes and significantly accelerating deployments while enhancing overall software reliability and performance.
- \* Led the design and enhancement of CI/CD pipelines to automate testing for React and Node.js applications, optimizing deployment workflows and ensuring seamless integration.
- \* Integrated GitHub Actions and Playwright to develop end-to-end testing frameworks with advanced assertion logic, ensuring broad test coverage and cross-environment compatibility.

## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, C/C++, JavaScript/TypeScript, SQL, HTML/CSS, PHP, R.

**Frameworks, Methods and Libraries:** React JS, Node.js, Tailwind, Playwright, Qt, Agile.

**Developer Tools:** Confluence, Docker, GitHub/BitBucket, Postman, MySQL, L<sup>A</sup>T<sub>E</sub>X, Jira.

## EDUCATION

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### Major in Computer Science

*University of Western Ontario*

London, Ontario

*Fall 2021 - Winter 2025*

## PERSONAL PROJECTS

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### Personal Website | *React JS, Node.js & SCSS*

July 2024

- \* Built a responsive React-based personal website, optimizing for mobile and desktop views to enhance usability and accessibility.
- \* Deployed on a [custom domain](#) using Github and Netlify, ensuring seamless rebuilding with the latest commits.

### To-Do List Chrome Extension | *JavaScript, HTML5 & CSS*

July 2024

- \* Developed a Chrome extension using JavaScript, leveraging Local Storage API for persistent task and note-saving functionality.

### Automatic Instagram Unfollower | *Python*

June 2024

- \* Created a Python script to automate Instagram account management, using libraries like Instapy and Selenium to identify and unfollow non-reciprocal followers.
- \* Integrated error handling and detailed logging, improving script reliability and enabling easy performance monitoring.

### TA Management System | *MySQL*

February 2024

- \* Built a relational database using MySQL and deployed on a virtual machine.
- \* Developed complex SQL queries to generate detailed reports on TA assignments, availability, and workload distribution.