

Nicholas Tsang

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SUMMARY

Full Stack Developer with experience in developing scalable web applications using React, NextJS, NodeJS, and PostgreSQL. Skilled in AWS cloud services, test-driven development, and creating user-centric solutions. Proficient in designing and implementing secure, scalable, and reliable platforms while ensuring high system performance.

WORK EXPERIENCE

Full Stack Developer - *Vancouver, British Columbia, Canada* 11/2024 - Present

Roshi Technologies Inc.

- Designed, developed, and tested new features using NextJS (a front end React framework built on top of NodeJS), Quart (a Python back end framework), and Typescript, driving an increase in user engagement and contributing to a boost in monthly active feature adoption.
- Streamlined development workflows by introducing Docker Dev Containers, cutting new-developer setup time and slashing environment-related errors.
- Engineered and optimized prompts for large language models, boosting response relevancy, achieving a higher success rate in AI-driven workflows.

Software Developer in Test - *Toronto, Ontario, Canada* 09/2018 - 08/2021

Tata Consultancy Services

- Collaborated closely within a cross-functional Agile team, including QA, developers, and business analysts, enhancing software quality and reducing post-release defects.
- Conducted rigorous regression and functional testing using Java and SQL, contributing to the delivery of reliable and high-performance software solutions, leading to an increase in overall testing efficiency and better reliability in the software development lifecycle.
- Prepared testing documentation providing clear instructions and guidelines future QAs follow to replicate tests, reducing variation and strengthening consistency.

PROJECTS

Full Stack Developer - *Vancouver, British Columbia, Canada* 10/2025 - Present

[Club Freedom Testimonials](#)

- Designed, developed, and tested new features using NextJS
- Engineered and optimized prompts for large language models, boosting response relevancy, achieving a higher success rate in AI-driven workflows.

SKILLS

Programming Languages: Typescript, C#, Java, Python, Go
Technologies: NextJS, PostgreSQL, MySQL, Amazon Web Services (AWS), Docker, Terraform, React, Kubernetes, Vue

EDUCATION

Bachelor of Science - Combined Major in Music and Computer Science
University of Victoria - *Victoria, British Columbia, Canada*

2018