

Neo Hyldelund

778-874-9963 | neo.hyldelund@gmail.com | [linkedin.com/in/neoHYLde](https://www.linkedin.com/in/neoHYLde) | github.com/NeoHylde | neoHYLdelund.com

Summary

Full-stack developer with experience in React, Next.js, Node.js, and Python. Adept at building responsive UIs, integrating REST APIs, and deploying modern, maintainable apps. Prioritizes accessibility, code quality, and user experience, shipping projects that scale across devices and browsers.

Education

Simon Fraser University
Bachelor of Science in Computing Science
Data Structures & Algorithms, Software Engineering, AI & Machine Learning

Burnaby, BC
Expected 2027

Personal Projects

Personal Portfolio Website | [GitHub](#) | [Website](#) | *NextJS / TailwindCSS*
Clean, mobile-optimized personal site showcasing projects and code samples.

- Achieved 100/100 Lighthouse score in SEO, accessibility, and best practices.
- Implemented dark/light theme toggle, increasing session time by ~35% from analytics.
- Cut build time by 60% using dynamic imports and statically optimized routes.

Jun. 2025 - Pres.

Hands-Off | [GitHub](#) | *Python / Faster-Whisper / Porcupine / Spotipy*
Designed a privacy-first voice assistant using real-time transcription and voice command recognition.

- Enabled 100% hands-free music control via wake word and GPT-assisted command parsing.
- Deployed hybrid async pipeline for <250ms voice response latency.
- Supported 20+ voice intents including playback, playlist switching, and volume control.

Jul. 2025 - Pres.

Academic Projects

Grow-the-Hoard | [GitHub](#) | *Java / Maven / OpenGL / LDtk / JUnit*
Collaborated on a team of 4 to develop a top-down maze game with intelligent enemy behavior.

- Wrote core logic and pathfinding using A* on custom level formats (LDtk).
- Achieved 100% unit test coverage with JaCoCo; CI-tested using GitHub Actions.
- Presented to a class of 80+ with live gameplay demo and source code walkthrough.

Jan. - Mar. 2025

Technical Skills

Languages: JavaScript, Python, C++, Java, SQL

Frontend: React, Next.js, TailwindCSS

Backend: Node.js, Express, REST APIs

APIs: Spotipy, Whisper, OpenAI

Tools: Git, Postman, VS Code, JIRA

Databases: MongoDB, PostgreSQL, MySQL

Concepts: Asynchronous programming, responsive design, accessibility, performance profiling