

Nicolas Epstein

nilueps@gmail.com

sqwxl.dev

github.com/sqwxl

Skills

Programming: Python, TypeScript, JavaScript, Rust, Go, SQL, HTML, CSS, Bash

Tools and Libraries: React, Django, FastAPI, Node.js, Docker, PostgreSQL, Git, REST APIs

Languages: English, French, German, Italian, Spanish, Portuguese

Experience

Lead Developer

April 2022 – May 2023

Quebec Blue Cross

Montreal, Quebec

- Led the development of an in-house dashboard for repositories, CI/CD pipelines and Kubernetes clusters
- Developed a full-stack web application with FastAPI, Docker, React and Material UI
- Overcame third-party API bottlenecks by leveraging Redis to cache HTTP responses

Freelance Developer

2019 – 2023

pluralism.xyz

Montreal, Quebec

- Reached thousands of users with interactive surveys on desktop and mobile with Node.js, Express and React
- Created original real-time data visualizations in both 2D and 3D using D3.js, Three.js and custom code

Full Stack Developer

January 2021 – December 2021

Norwegian Refugee Council

Berlin, Germany

- Designed a case management tool for the humanitarian sector using Go, Typescript and React
- Wrote a workflow orchestration library in Go used to enforce constraints on data entry
- Developed a mobile application for Android devices using React Native

Freelance Developer

July 2023

premonitions.ai

Montreal, Quebec

- Built an embedded comment submission and display app with Django

Projects

Hacker News Clone – Django, HTMX, Tailwind CSS

github.com/sqwxl/hn-clone

- Inspired by the popular tech news site/forum news.ycombinator.com

jx – Rust

github.com/sqwxl/jx

- An interactive JSON document explorer for the command line
- Provides a quick way to explore large documents
- Includes a search function and can output selections to clipboard or standard out

8-bit Computer

- Built with breadboards and electronic components to deepen my understanding of CS fundamentals

Education

Harvard University – Computer Science Certificate

2020

Université de Montréal – Bachelor of Philosophy

2011

Cégep de Sherbrooke – DEC Natural Sciences

2009