Nicolas Epstein

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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

Harfang – *Django, HTMX, Tailwind CSS*   github.com/sqwxl/harfang
 • A forum inspired by the popular tech site Hacker News

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