Nicolas Epstein

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Skills

Programming Languages: Python, TypeScript, JavaScript, Rust, Go, SQL, HTML, CSS, Bash
Tools & Libraries: React, Django, FastAPI, Node.js, Docker, PostgreSQL, Git, REST APIs
Languages: English, French, German, Italian, Spanish, Portuguese

Experience

Lead Developer, Quebec Blue Cross – Montreal, Quebec   April 2022 – May 2023
 • Led the development of an in-house web application used to monitor and interact with repositories,
   CI/CD pipelines and Kubernetes clusters in real-time
 • Overcame significant engineering challenges like plugins, caching and supporting legacy code
 • Developed a frontend application with TypeScript and React used daily by the company's dev teams
 • Refactored thousands of lines of legacy Python code to conform to modern standards and tooling

Full Stack Developer, Norwegian Refugee Council – Berlin, Germany   January 2021 – December 2021
 • 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, pluralism.xyz – Montreal, Quebec   2019 – 2023
 • Reached thousands of users with interactive surveys on desktop and mobile
 • Created original real-time data visualizations in both 2D and 3D using the collected data

Freelance Developer, premonitions.ai – Montreal, Quebec   July 2023
 • Built a custom embedded comment collection/display tool for an existing web stack

Projects

Hacker News Clone   github.com/sqwxl/hn-clone
 • Inspired by the popular tech news site/forum news.ycombinator.com
 • Built with Django, HTMX and Tailwind CSS

jx   github.com/sqwxl/jx
 • An interactive JSON document explorer for the command line written in Rust
 • Provides a quick way to explore large documents
 • Includes a search function and can output selections to clipboard or stdout

8-bit Computer
 • Built on breadboards using basic electronic components
 • A work-in-progress to deepen my understanding of CS fundamentals

Education

Harvard University – Computer Science Certificate   2020
Université de Montréal – Bachelor of Philosopy   2011
Cégep de Sherbrooke – DEC Natural Sciences   2009