Steven Almeroth

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"Web systems that matter"

SKILLS

Python	TypeScript	ES6	SQL	Linux
Scrapy	Deno	Node.js	MySQL	Rust
Scraping	React	Solid	GraphQL	Bun
API	Vue.js	SCSS	AWS	

OBJECTIVE

To train language models in NLP while working with the Jamstack on the front-end leveraging my extensive back-end experience and DevOps skills to round out as a full-stack dev.

EDUCATION

University of Dayton, Ohio USA   **1984 → 1988**
BS in Computer Science
Minor in mathematics, focus on expert systems in prolog.

ENTREPRENEUR

Prime Site, Ohio USA   **2020 → now**
Full-stack Developer
Self-employed business owner developing brand identity and marketing materials including videos, logos, portfolios & websites.

Generating leads and closing sales. Designing mockups from client ideas and implementing MVPs. Provisioning hardware and configuring platforms. Programming full systems and deploying to the cloud. Maintaining clients and collecting accounts receivables.

I ran the whole show and spent half the time on the phone and half the time on the computer, only half of which was coding.

Favorite projects fit the same ETL template: FastAPI server exposing Python endpoints to use headless Playwright workers in neighborhood IP pools to collect data and queue for Rust transformers to load it into EdgeDB with Solid UI.

Scrapinghub (Zyte), Southern Mexico   **2011 → 2019**
Back-end Developer / Scrapy Core Developer
Crafted systems using the Scrapy crawling framework in Python with Puppeteer behind a Flask API running in Docker containers with Redis storage and a Vue.js interface. Many clients just wanted the data so most of my time was spent tuning proxies for crawlers and transforming payload text with parsers to insert into our loaders.

Freelance, Central Europe   **2001 → 2010**
Systems Developer
Authored PHP5 WordPress plugins for clients to do various things for there websites, e.g. global image styling. Integrated client-side reactivity with Knockout.js. Fell in love with Python and started writing web crawlers for personal projects.

Full Moon, Los Angeles, California, USA   **2000 → 2001**
Research & Development Lead
Experimented with the latest & greatest tech at the time.
Platform: Java 1.2, JavaServlets, JSP, ASP, SQL, XML, Weblogic on an Windows NT4 server

Toshiba, Irvine, California, USA   **1999 → 2000**
Web Systems Programmer
Developed first client-side PC configuration utility on the web. At the time HP, Dell, Gateway, Compaq all used HTML form submissions with round-trip server-side rendering every time the user wanted a price for their new hardware configuration. We at Toshiba downloaded a compressed subset database to the client after initial load, which is called "hydration" today. Then we attached onChange listeners to the select elements so we could update the price reactively.
Platform: Java Servelets, JavaScript, ASP, HTML on Windows NT server