

Ofer Nave • Software Engineer

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Recent Skills

- Linux (*servers since 1998, desktops since 2010*) (BASH, Gnome, SSH, systemd, cron)
- Python (Django, SQLAlchemy, Graphene, FastAPI, Celery, Flask, Click, pytest)
- JavaScript (jQuery, React, Node, Bluebird, JSON Schema, DOM, Babel, Webpack)
- Ruby (Rails, HAML, Sinatra, ActiveJob, Puma, Rack, net-ssh, Minitest, Capybara)
- SQL (PostgreSQL, Maria/MySQL, SQLite) also: Redis, MongoDB
- Git, Docker, HTTP, HTML, CSS, REST, GraphQL, OAuth, Bitcoin, AWS, Redis, OpenAPI

Legacy Skills

- Languages: C/C++, Java, ASP (original), PHP 3, Perl 5, Go, Elm, BASIC
- Software: Apache, RRDtool, Vagrant, DOS+Windows, CVS, Subversion, Lucene
- Protocols: XMPP, LDAP, DNS, SMTP, FTP

Education

- University of California, Los Angeles 1996-1998, Computer Science
I left (along with half my class) to participate in the first dot-com bubble.

Work Highlights

- Alpha Merics, Simi Valley, CA 1996-1999
Used C++ to build a GUI on MS-DOS for our wall-sized printers.
- HomePage.com, Pasadena, CA 1999-2000
An idealab! company. Contributed to LAMP apps. (Linux, Apache, MySQL, Perl)
- Way Internet, West LA, CA 2000-2002
*First hire. Was responsible for entire technology stack (backend, frontend, devops, hardware purchasing, colocation contracting) and technical hiring.
LAMP (Linux, Apache, MySQL, Perl)*
- Rhythm & Hues Studios, Los Angeles, CA 2002-2004
Worked graveyard shift as Linux admin & Render Farm supervisor while taking classes during the day at Santa Monica College.
- BizRate/Shopzilla, West LA, CA 2004-2006
*Contributed to LAMP apps. (Linux, Apache, Perl, MySQL)
Built parallel-processing framework to for backend data systems.*

- Smarter.com, Monrovia, CA 2006-2007
Used Java + Lucene to build a search engine of product results, and a framework to A/B test how each change to the engine core affects search results. (Left when company was purchased by DoubleClick; it was liquidated shortly after.)
- *Sabbatical in New Hampshire* 2007-2010
- The Quill, Manchester, NH 2010-2015
Founded and operated a community center. (See "Personal Highlights" below.)
- DynDNS, Manchester, NH 2011-2013
Used Python + XML to implement client/server software for an obscure protocol (EPP) spoken between DNS registrars and registries.
- GoalBased Investors, Houston, TX (remote) 2021-2023
Refactored massive, complex backend codebase inherited from a large team of overseas contractors while keeping it running and adding significant new features. Python, Django, Celery, Graphene (GraphQL), PostgreSQL, Linux, Docker, AWS
- Storyline, Malibu, CA (remote) 2023 (Jun-Sep)
Three-month contract to build REST API w/Python, Flask, SQLAlchemy.

Personal Highlights

- Founded two-story community center in Manchester, NH in 2010 which is still in operation. They recently using a coin offering to raise funds to purchase the building.
- Implemented an OpenID client & server from scratch in Ruby based on RFCs which is used to authenticate members logging into the community center website.
- Custom door control system using a Raspberry Pi and NFC card, also in Ruby.