
IVY LU

FULL STACK ENGINEER

IVY@IVY.DIRECT

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I'VE WORKED WITH

Angular SvelteKit Vue NodeJS
Docker Git GitHub Travis CI
JS/TS Java Go C++ C# .NET
LINQ MySQL MongoDB
DigitalOcean Azure Deno Deploy
Leadership Teamwork Creativity

ABOUT ME

I'm a full stack developer with a portfolio of open-source work.

I like working on new things and I learn fastest in project-based environments. I enjoy solving real-world challenges, and I've tinkered with everything from IoT, DevOps, full-stack web to cloud providers in the last year.

Most of my work is self-started, often with practicality in mind, but I also occasionally create small quirky designs for fun.

EXPERIENCE

VP OF INFRASTRUCTURE

[@PINNACLEUSORG](#)

2020 – 2023 • Promoted 2021 • Part-Time Volunteer • Hackathon
Our team primarily uses SvelteKit, NodeJS, Express, MongoDB, & Docker.
At “The Olympics of Hackathons”, I lead a team of three in creating core attendee-facing experiences like our custom social network, web portal, and event pages. Personally responsible for internal process improvements through new internal shared code libraries and documentation standards.

PRESIDENT

[@LAHSHACKCLUB](#)

2018 – 2022 • Promoted 2021 • High School Club
We use Deno (TypeScript), SvelteKit, Docker, Notion, & DigitalOcean.
I created new student-led educational projects after the return to on-campus instruction. Notably, I led development of our custom CMS *Publish*, powering school websites and the new unofficial (but popular) student course selection site. In the first year, it saw over 1,500 users and 200GB reliably served.

PROJECTS

ANALYTICS

[@IVYNYA/ANALYTICS](#)

2022 – 2023 • FOSS on GitHub • *Deno (TypeScript), Docker, & Notion*
Analytics is a privacy-preserving Notion integration and REST API that tracks user or consumer defined KPIs, running on the edge or containerized. I regularly use this for informed action, with over 72,000 interactions logged since inception.

VYSC (CLI)

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2022 – 2023 • Sponsorware (\$1/mo.) • *Golang, Docker, Nginx, Linux*
Allows fast management and deployment for Docker Compose and Nginx from a remote or local config, with stock Compose compat. Personally used to save 85%+ of cloud expenses.

EDUCATION

FOOTHILL COLLEGE

4.00 GPA • 2022 – 2024 (Expected) • Computer Science
Studying for transfer to a 4-year university (BS) with major of AS-T in Computer Science. Currently taking C++ courses.

LOS ALTOS HIGH SCHOOL

4.53 (W) GPA • 2018 – 2022 • General Studies
Leadership in Hack Club & National Art Honors Society
Taken AP CS (Java) & previously worked with district IT

github [ivy.direct/github](#)
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identity notice ... [ivy.direct/resume/notice](#)

