

Jialin Yang

📞 413-275-4648 📍 Plainview, NY ✉ yangjialin94@gmail.com 🌐 linkedin.com/in/jialin-yang-iy

PROFESSIONAL SUMMARY

Product-minded Software Engineer with 6+ years of experience building and operating web and mobile applications in production.

CORE TECHNICAL SKILLS

Languages: TypeScript, Python, JavaScript, SQL

Frontend: React, Next.js, React Native (Expo), Tailwind CSS, Zustand, React Query

Backend: Node.js, FastAPI, Express, PostgreSQL, Prisma, SQLAlchemy

Cloud & Deployment: Vercel, Render, GCP, Docker

Auth & Payment: Firebase Auth, Apple Sign-In, Google Sign-In, Stripe

Tools & Testing: Git, CI/CD, pytest, PostHog

PROFESSIONAL EXPERIENCE

Nuve Platform

Chicago, IL

Frontend Development Lead

Jul 2021 – Dec 2024

- Led frontend development of the company's SaaS platform using Next.js, TypeScript, and Tailwind CSS, delivering production features to 7 enterprise clients.
- Improved application performance by ~35% through strategic state management with Zustand, reducing unnecessary re-renders.
- Designed and implemented backend services using FastAPI, PostgreSQL, and Tortoise ORM; co-developed API routes and managed database migrations.
- Automated infrastructure workflows using GCP APIs to streamline instance provisioning.
- Built and deployed a production-ready marketing site on Vercel from Figma designs, integrated analytics via Google Analytics and PostHog to support data-driven product decisions.

10xCoding

Chicago, IL

Application Developer

Feb 2019 – Jun 2021

- Built and optimized CRUD workflows for sales documents, integrating custom search, email functionalities, and credit card processing, enhancing business efficiency.
- Optimized OData data transfers from SAP ECC systems, collaborating with backend teams to significantly enhance API response times and reduce latency by 50%.
- Architected and independently built a comprehensive internal time-tracking system (PTO, sick leave, approval workflows, expense reimbursement with image uploads) leveraging SAP HANA and SAPUI5.

Application Developer Intern

Jun 2018 – Dec 2018

- Developed a transaction code lookup tool as a Fiori application on SAP Cloud Platform, reducing transaction search time from 10 seconds to 3 seconds.

PROJECTS

Knowli

Founder & Engineer

2025 – Present

- Built and launched a cross-platform mobile learning app delivering bite-sized AI-generated content.
- Implemented in-app purchases, ads, and backend services supporting real users in production.

Minibunn Planner

Founder & Engineer

July 2025 – Dec 2025 (Discontinued)

- Built a full-stack productivity SaaS (Next.js, FastAPI, PostgreSQL) with authentication and subscription enforcement.
- Integrated Stripe subscriptions and led a clean product shutdown by disabling billing, shutting down services, and archiving documentation.

EDUCATION

University of Pennsylvania

M.S. in Artificial Intelligence

Expected Spring 2026

Illinois Institute of Technology

M.S. in Information Technology & Management (Software Development)

Jan 2018 – Dec 2018

University of Illinois at Urbana Champaign

B.S. in Mathematics & Computer Science

Aug 2013 – May 2017