

Jialin Yang

Software Engineer

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WORK EXPERIENCE

Nuve - Software Engineer

Jul 2021 – Dec 2024

Chicago, IL / Remote

- Built and maintained the frontend of Nuve's SaaS product using **Next.js**, **TypeScript**, and **Tailwind CSS**, helping 7 enterprise clients easily manage and deploy complex cloud-based systems.
- Improved frontend performance by integrating **Zustand** for state management, reducing unnecessary re-renders and improving overall responsiveness by 35%.
- Expanded backend support using **Python** with **FastAPI** and **PostgreSQL** by updating data models, running schema migrations, and modifying API endpoints to support frontend features.
- Implemented nuveplatform.com from Figma designs, turning mockups into a responsive marketing site and deploying it on **Vercel**.

10xCoding - Application Developer

Feb 2019 – Jun 2021

Chicago, IL

- Developed and deployed 10+ enterprise applications on **SAP Cloud Platform** using **JavaScript**, **SAPUI5**, and **OData**, collaborating closely with backend teams to deliver robust SAP-integrated solutions.
- Built the company's internal UI component library with **JavaScript** and **SAPUI5** to standardize UI development, speed up delivery, and ensure consistency across projects.
- Designed and built a suite of **Fiori** applications for internal time-tracking system with PTO tracking, approval workflows, and expense reimbursement, improving payroll accuracy and reducing manual administrative work.

10xCoding - Application Developer Intern

Jun 2018 – Dec 2018

Chicago, IL

- Built a transaction code lookup tool as a **Fiori** application on **SAP Cloud Platform** using **JavaScript**, **SAPUI5**, and **OData**.

PROJECTS

Minibunn Planner

Mar 2025 - Current

- A responsive web application for daily task tracking and journaling, designed with a clean UI to deliver efficient planning and a paper-like experience.
- **Tech:** Next.js, TypeScript, Tailwind CSS, React Query, Zustand, Context API, Firebase Auth, FastAPI, Python, SQLAlchemy, PostgreSQL, pytest, Vercel, Render

Minimal Pricing

Feb 2025

- A responsive web application for generating custom contract quotes based on dynamic user input.
- **Tech:** Next.js, TypeScript, Tailwind CSS, Context API, sessionStorage, Vercel

SKILLS

Languages: TypeScript, Python

Frontend: Next.js, React, Tailwind CSS, React Query, Zustand, Context API

Backend: FastAPI, RESTful APIs, WebSocket, PostgreSQL, SQLAlchemy, Redis

DevOps & Tools: Docker, Git, GitHub, pytest, Vercel, Render

EDUCATION

Illinois Institute of Technology - M.S. in Information Technology & Management

Jan 2018 – Dec 2018

University of Illinois Urbana-Champaign - B.S. in Mathematics & Computer Science

Aug 2013 – May 2017