

Jialin Yang

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PROFESSIONAL SUMMARY

Results-driven Full-Stack Eng Engineer with expertise in building scalable, high-performance web applications using React, Next.js, and FastAPI.

CORE TECHNICAL SKILLS

- **Programming Languages:** TypeScript, Python
- **Frontend:** Next.js, React, Zustand, Tailwind CSS, Vercel
- **Backend:** FastAPI, PostgreSQL
- **DevOps:** Docker

EDUCATION

M.S. in IT & Management 2018

Illinois of Institute of Technology, Chicago, IL

BS Mathematics & Computer Science 2013 - 2017

University of Illinois Urbana-Champaign, Champaign, IL

PROFESSIONAL EXPERIENCE

Software Engineer

Nuve, Remote

Jul 2021 – Dec 2024

- Developed and maintained the Nuve website and platform using Next.js, React, Tailwind CSS, and TypeScript, deploying on Vercel for optimal performance.
- Built and optimized frontend features with Zustand for state management and React best practices, improving UX and efficiency.
- Implemented FastAPI backend with Tortoise ORM and PostgreSQL, designing async RESTful APIs for scalable data operations.
- Integrated cloud automation, using AWS, Azure, and GCP APIs in FastAPI routes to create, start, and stop instances, streamlining infrastructure management.
- Enhanced analytics tracking, integrating Google Analytics and PostHog to gather user insights, supporting data-driven improvements.

Application Developer

10xCoding, Chicago, IL

Feb 2019 – Jun 2021

- Developed and deployed nine SAP Cloud Platform applications using JavaScript, SAPUI5, OData, and SAP Gateway for enterprise clients.
- Designed and built an internal time-tracking system with PTO tracking, workflows, and expense reimbursement, leveraging SAP HANA and JavaScript.
- Implemented advanced CRUD operations for sales documents, integrating custom search and automated email workflows.
- Optimized OData data transfers, collaborating with backend teams to enhance performance and reduce latency in SAP ECC system integrations.

Application Developer Intern

10xCoding, Chicago, IL

Jun 2018 – Dec 2018

- Built a T-Code lookup Fiori app using SAPUI5, JavaScript, OData, ABAP, and SAP Cloud Platform.