

Jialin Yang

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PROFESSIONAL SUMMARY

Innovative Software Engineer with extensive experience in developing scalable, cloud-native applications. Proven ability to deliver user-focused solutions, optimize performance through data-driven insights, and collaborate with cross-functional teams. Seeking to leverage entrepreneurial and technical expertise in a dynamic software engineering role to drive impactful solutions.

CORE TECHNICAL SKILLS

- **Programming Languages:** TypeScript, JavaScript, Python
- **Frameworks:** Next.js, React, FastAPI

EDUCATION

M.S. in IT & Management. (Software Development)

Illinois Institute of Technology, Chicago, IL

2018 - 2018

BS Mathematics & Computer Science

University of Illinois Urbana-Champaign, Champaign, IL

2013 - 2017

PROFESSIONAL EXPERIENCE

Co-Founder and Software Engineer

Nuve Platform, Remote

Jul 2021 – Dec 2024

- Contributed to developing the Nuve Platform, automating SAP tasks like system refreshes, upgrades, and restarts, reducing manual effort and errors.
- Achieved a 97–99% reduction in SAP system setup times, enabling new instances to spin up in as little as 10 minutes.
- Built state management components and handled API responses to ensure a seamless user experience.
- Integrated with GCP, AWS, and Azure for scalable instance creation.
- Co-developed and maintained API routes for feature updates and system changes.
- Conducted database migrations and schema updates to meet evolving requirements.
- Built and maintained nuveplatform.com using Next.js and Tailwind CSS, deployed on Vercel, with continuous updates and enhancements driven by user behavior analysis using PostHog and Google Analytics.
- Edited tutorials and informational videos to enhance user onboarding.

Application Developer

10xCoding, Chicago, IL

Feb 2019 – Jun 2021

- Built nine SAP Cloud Platform applications, including custom reporting tools and a B2B self-service portal.
- Implemented CRUD operations for sales documents with advanced search, email integration, and credit card processing.
- Collaborated with backend teams to optimize OData-based data transfer from ECC systems.

Application Developer Intern

10xCoding, Chicago, IL

Jun 2018 – Dec 2018

- Developed a time-tracking app with PTO, sick leave logging, approval workflows, and expense reimbursement with image uploads.
- Built a backend with SAP HANA and OData, a SAPUI5-based frontend, and secured SAP App Store deployment.

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification
- Advanced Learning Algorithms