

JINSEN (JASON) LIU

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SUMMARY

Full-stack software engineer who designs, builds, and ships scalable web applications end-to-end from React/Next.js front-ends to GraphQL/REST APIs, relational and NoSQL data layers, authentication/SSO, and cloud infrastructure.

SKILLS

AI-Assisted Dev	Claude Code (agentic coding, subagents, hooks, MCP servers, steering files, skills, dynamic workflows)
Languages	TypeScript, Python, Java, SQL, C, C++, Swift, \LaTeX
Frontend	React, NextJS, VueJS, Angular
Backend & APIs	REST API, GraphQL, Express.js, Spring Boot, Ruby on Rails, Auth (SAML, WSO2, OAuth, OIDC), Redis, Kafka, RabbitMQ
Databases & Cloud	RDBMS, PostgreSQL, MySQL, MongoDB, Prisma, ETL/ELT pipelines, AWS (EC2, S3, Lambda), GCP
DevOps & Testing	Docker, Kubernetes (K8s), CI/CD (Github Actions, Jenkins), Playwright, Cypress, Jest, Mocha, Linux (Ubuntu), Bash, Unix, Shell Scripting, Git, Github, Vim, Agile Development Methodologies

EDUCATION

New York University <i>University Honors Scholar, Dean's List</i>	Bachelor's Degree in Computer Science September 2022 – May 2026
Coursework: Full stack Development, Software Development, Machine Learning, Artificial Intelligence, Database Systems, OOD/OOP, Algorithms, Operating Systems, Parallel Computing, Data Structures, Networks	

EXPERIENCE

New York University Title: Software Engineer Skills: NextJS(TypeScript), Prisma, OAuth, GraphQL, MySQL, PHP, Agile, RAG, System Architecture	April 2025 – Present New York, NY
<ul style="list-style-type: none">Design, develop, and maintain scalable full-stack web applications serving the university community. Lead development of critical university portals: Petition Portal, Foreign Language Placement Exam Portal, ULC Scheduler, Advising Portal, etc.Build admin dashboards with real-time analytics; implement SSO authentication migration using MS Entra OAuth2; integrate conversational AI interfaces; build CI/CD pipelines with GitHub Actions for automated testing and deployment, plus automation tooling for infrastructure	
Scale AI (Outlier) Title: Full Stack Software Engineer for AI Training Skills: Javascript, Python, AI Training, Algorithms, Software Engineering/Evaluation	May 2024 – August 2024 New York, NY
<ul style="list-style-type: none">Conducted post training RLHF code reviews and evaluations, identifying reward hacking, alignment gaps, and reasoning failures to improve model reliability and behavioral consistencyAnalyzed code quality, maintainability, and adherence to real-world engineering standards, provided feedback on version control workflows, collaborative coding practices, and effective debugging techniques	
Huaxi Securities Co., Ltd. Title: Software Engineering Intern Skills: Unit Testing, Integration Testing, E2E Testing, Documentation	June 2023 – August 2023 Chengdu, Sichuan
<ul style="list-style-type: none">Enhanced application reliability by implementing comprehensive End-to-End testing framework using Cypress, authored documentations for internal systems	

SELECTED OPEN-SOURCE CONTRIBUTIONS

Inky NextJS, Drizzle, XState, TipTap, Vitest, Claude Code	Ongoing
<ul style="list-style-type: none">A group scheduling tool built with an agentic Claude Code workflow designed to streamline coordination, minimize back-and-forth, and save time for teamsFeatures: drag-to-paint time grid or predefined time block voting, with a live heatmap, custom intake forms, and Google OAuth for poll creators; Visit: inky.jasonl.us	
PATH Live React, Spring Boot, GTFS Realtime, Geolocation, Claude Code	Ongoing
<ul style="list-style-type: none">Built a full-stack real-time platform for tracking train departures in the Port Authority Trans-Hudson transit systemFeatures: instant live departures, automatic nearest-station detection via geolocation, clean scan-first departure board UI, responsive mobile/desktop support, dark mode and more; Visit: path.jasonl.us	
Lobster AI NextJS, Vercel, Prisma ORM, MongoDB, Tailwind CSS, CI/CD	Ongoing
<ul style="list-style-type: none">Built production-ready AI SaaS platform with multi-modal capabilities (chat, code, music, image, video generation), implementing secure authentication and subscription management for scalable user growthVisit: lobster-ai.vercel.app/ Repo: github.com/jsl1114/Lobster-AI	

CERTIFICATE

FullStack Open certificate	January 2023 – September 2023
<ul style="list-style-type: none">Completed an intensive 200+ hour program in modern full-stack development offered by University of Helsinki, mastering ReactJS, Node.js, GraphQL, REST API, Testing, Redux, CI/CD, Containers, SQL/NoSQL Databases	