

Jason Zhang

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SKILLS

Languages JavaScript (2yrs) · Ruby (2yrs) · Python (2yrs)

Frameworks/Tools: React, RoR, MERN, AWS, Firebase, Vercel, OpenAI, GitHub, Google Cloud, Stripe, Twilio, Pinecone

EXPERIENCE

Software Engineer

Feb 2025 - July 2025

MOVE TACT MANAGEMENT

Remote

- Built Python automation scripts integrating the Ensemble Data API to gather hidden social media engagement metrics (views, likes, comments, reposts) across YouTube, TikTok, and Instagram, reducing campaign reporting time by 50% for a 10+ person marketing team.
- Automated workflows with the Slack API + Google Cloud, scanning 100+ channels, extracting video metadata, and organizing files into stable (internal) vs. volatile (external) folders, cutting asset retrieval time by 65%.
- Developed MERN stack applications with real-time voting and livestream features, handling over a hundred users, strengthening expertise in React, Node.js, Express, and MongoDB.
- Implemented APIs including Stripe, Twitch, Chartmetric, and Google Sheets to power payments, livestream broadcasting, analytics, and automated reporting, improving scalability and cross-platform workflows for 100+ users.

Software Engineering Intern

Nov 2024 - Feb 2025

SERIES

Remote

- Built and optimized backend endpoints using Node.js and Firebase, contributing to the foundation of the startup's core infrastructure and ensuring backend services were production-ready with 99.9% uptime in testing environments.
- Developed and tested Twilio integrations for "Vera," the company's communications bot, iterating on messaging workflows until reaching 70-80% functional completion, enabling accurate and responsive interactions across multiple scenarios.
- Collaborated in a 3-person engineering team (including the CTO) using Agile methodologies, GitHub PR workflows, and code reviews, which improved delivery cycles and ensured code quality across 50+ pull requests.
- Gained hands-on experience in startup engineering culture, directly contributing to backend design decisions, debugging complex integrations, and supporting the creation of a scalable foundation for future user growth.

Software Engineering Intern

July 2024 - October 2024

HEADSTARTER AI

Remote

- Improved AI prompt accuracy by 30% in testing environments by enforcing structured prompt requirements within OpenAI integrations, ensuring consistent output and coverage of key elements.
- Built and deployed a SaaS prototype with dynamic flashcards for mental health support, applying Agile methodology and iterative sprints that reduced internal error handling time by 20% during development.
- Prototyped multiple AI-driven projects, including a recipe generator, emotional-support bot, and RAG-based professor recommender, using Python, RAG pipelines, and web scraping, which strengthened full-stack and AI engineering skills.
- Collaborated in a 3-4 person team using GitHub branching strategies, PR reviews, Clerk, and Stripe, completing 40+ commits across shared repositories and gaining hands-on experience with modern authentication and payment systems.

PROJECTS

Bonjour World | MERN Stack Project (~30hrs) | [Live](#)

- Built a full-stack MERN application enabling 100% of users to host and join language exchange events, completing 15+ feature tickets across frontend and backend within 4 Agile sprints.
- Developed frontend with React/Redux, shipping 10+ dynamic components that reduced reload time by ~40% and improved navigation responsiveness.
- Integrated 4 major Google APIs (Maps, Places, Geocoding, Translate), covering 100% of global event location/address use cases and enabling multilingual support for 5+ languages.
- Engineered backend services with Node.js, Express, and MongoDB, implementing 12+ secure REST endpoints with JWT authentication and session handling that passed 100% of team QA tests.
- Collaborated in a 4-person Agile team, contributing 30% of total commits (100+ commits, 25+ PRs) while maintaining a <5% bug rate across code reviews.

EDUCATION

App Academy - Certification Of Completion

August 2023- Dec 2023

College of Staten Island, City University Of New York (CUNY)

June 2020 - May 2022

Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Discrete Math