

Kevin Wang

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SUMMARY

Product-minded Full Stack Engineer with 11+ years of experience shipping production-ready software in fast-paced startup environments. Strong focus on rapid prototyping, lean product iteration, and cross-functional collaboration. Experienced in architecting and delivering high-impact, user-centric applications using React, Node.js, Python, Java, Go, and scalable cloud-native microservices across AWS and GCP. Proven ability to lead 0→1 development efforts, integrate AI features, and scale systems in ambiguous environments.

SKILLS

- **Frontend:** React, Next.js, TypeScript, Angular, Vue.js, Tailwind CSS, Material UI, Bootstrap, D3.js, Lit, SvelteKit, Vite, Web Components, Storybook, React Query, Zustand
- **Backend:** Java (Spring Boot), Python (Django, Flask, FastAPI), Node.js (Express, NestJS), Go, Ruby on Rails, REST, GraphQL, gRPC, Webhooks
- **Database:** PostgreSQL, MySQL, MongoDB, DynamoDB, Redis, Elasticsearch, TimescaleDB
- **Cloud/DevOps:** AWS, GCP, Azure, Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, CircleCI, Serverless Framework, Datadog, Prometheus, Grafana, ELK, Cloud Monitoring
- **Real-Time & Messaging:** Apache Kafka, RabbitMQ, WebSockets, MQTT, AWS SNS/SQS
- **AI/ML Integration:** OpenAI API, AWS SageMaker, Hugging Face Transformers, scikit-learn, TensorFlow, LangChain, Pinecone
- **Security & Testing:** OAuth2, JWT, OWASP, SSL/TLS, Jest, Mocha, Chai, React Testing Library, Cypress, Playwright, Selenium
- **Development Practices:** Agile, TDD, BDD, CI/CD, Pair Programming, Code Reviews, Design Patterns, Rapid Prototyping, MVP Development, Cross-Functional Collaboration, Domain-Driven Design (DDD)
- **Other:** WebRTC, Serverless Architecture, PWA, AI-powered development tools, Vercel

EMPLOYMENT

Senior Software Engineer

SoFi

Apr 2019 - May 2025

- **Rewards Dashboard:** Built a high-performance UI using React (Next.js), TypeScript, Tailwind CSS, GraphQL, and React Query; boosted user engagement by 20% in Q1 post-launch.
- **Microservices Architecture:** Developed backend services using Java (Spring Boot), Python (FastAPI), Go, and gRPC for cashback, rewards ledgering, and dispute processing; reduced support volume by 35%.
- **Internal Platform Engineering:** Led the redevelopment of the internal business operations portal using React and Python (Django); improved resolution time for support tickets by 45%, reduced compliance processing effort by 30%, and enabled faster onboarding for new operations agents through guided workflows.
- **Frontend Optimization:** Reduced initial load time by 35% on mobile devices through React lazy loading, route-based code splitting, and CloudFront caching; implemented Vite for faster local dev builds.
- **Backend Performance Tuning:** Improved API response times by 40% by introducing Redis caching, optimizing SQL/NoSQL queries, and migrating heavy workloads to asynchronous processing with AWS Lambda and SQS.
- **Platform Observability:** Collaborated with SRE and platform teams to improve monitoring and traceability using Datadog, CloudWatch, and structured logging; reduced time-to-detection and improved system resilience.
- **Real-Time Alerts:** Implemented Kafka and AWS Lambda for streaming transaction events to SNS/WebSockets; achieved 99% alert delivery under 2 seconds.
- **DevOps Automation:** Provisioned infrastructure using Terraform and Serverless Framework; deployed via Docker, GitHub Actions, and Kubernetes on AWS ECS and Lambda; improved deployment speed by 50%, reduced incident MTTD by 67%.
- **Cross-Functional Collaboration:** Partnered closely with product managers, UX designers, compliance analysts, and support leads in an Agile environment to iterate on core features, alignment with business workflows, and rapid feature delivery.

Software Engineer - Digital Health

GE Healthcare

Sep 2016 - Feb 2019

- **Telemedicine UI Development:** Built clinician-facing features using React, Redux, Java (Spring Boot), and Python (Django); supported secure HIPAA-compliant virtual consultations; drove 3x pilot adoption.

- **Real-Time Health Data APIs:** Engineered low-latency APIs with WebSockets and REST to connect EHR systems and PACS devices; enabled <300ms round-trip time for clinical data.
- **Visualization & Performance:** Implemented server-side rendering and dynamic D3.js dashboards; optimized load time on clinical terminals by 25%.
- **Cross-Team Collaboration:** Worked closely with clinical advisors, UX researchers, and product managers to rapidly iterate on diagnostic workflows and ensure usability across devices and specialties.

Full Stack Engineer - Growth & Commerce

Globant

Jul 2013 - Aug 2016

- **E-commerce Frontend:** Delivered mobile-optimized frontend using AngularJS, Backbone.js, and Bootstrap; integrated Node.js and Python RESTful APIs; increased conversion rates by 22%.
- **Analytics & Campaign Reporting:** Built real-time dashboards with Elasticsearch, Kibana, Python (Flask), and D3.js for campaign tracking; reduced report generation time by 60%.
- **Content Automation:** Created CMS features using Python, NLTK, and custom logic for SEO tagging; improved content deployment efficiency by 40% and reduced manual input time by 50%.

PROJECTS

Personal Telehealth Platform

[Github Link](#)

- A full-stack telehealth platform enabling virtual consultations, real-time symptom prediction via AI, and chatbot-assisted triage — built with React, Node.js, and Python.

LangChain Chatbot

[Github Link](#)

- AI-powered microservices chatbot for legal document support, built with React, FastAPI, LangChain, Redis, and pgvector using Retrieval-Augmented Generation (RAG).

EDUCATION

Bachelor of Computer Science

University of Florida

Aug 2009 - May 2013

- **Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Software Engineering, Databases, Computer Networks, Intro to Machine Learning, Cloud Fundamentals, Mobile App Development, AI Concepts, Computer Architecture, Programming Languages (Java, Python, C++, JavaScript)