

Kevin Gao

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Education

San Jose State University

M.S., Applied Data Intelligence - GPA: 3.6

San Jose, CA

Aug 2024 – Dec 2026

University of California, Riverside

B.S., Computer Science with Business Applications - GPA: 3.66

Riverside, CA

Sept 2019 – June 2023

Experience

Fullstack Developer | *Typescript, PostgreSQL, TailwindCSS*

Jan 2025 – Present

Petit Medispa

Fullerton, CA

- Working closely with client to build a full-stack platform to digitize and streamline use and storage of bookings, medical records, and customer forms for a business to support 1000+ patients
- Architected a Supabase database schema and integrated Stripe for payments and appointment confirmations
- Delivered responsive apps with Next.js and Tailwind, including admin dashboards, a nurse notetaking system, and client intake forms

Python Instructor | *Python, Leadership, Communication*

Apr 2025 – Present

X-camp / Fremont Chinese School

Remote / Fremont

- Designed and taught Python curriculum to students (elementary–high school), focusing on problem-solving and algorithmic thinking
- Adapted teaching styles for age groups and led engaging sessions, building communication, mentorship, and technical instruction skills for classes of around 20 students at a time

Web Developer | *Typescript, Stripe, Framer Motion*

Jul 2024 – Dec 2024

Open the Opportunity - Work Paused

Fremont, CA

- Designed and implemented responsive, visually engaging user interfaces for an online art store, focusing on user experience, accessibility, and performance
- Leveraged Stripe to support secure payments when checking out with a site-wide functional shopping cart

Fullstack Developer | *Typescript, PostgreSQL, Resend, SEO*

Aug 2024 – Nov 2024

keepfremontsafe.com - Work Paused

Fremont, CA

- Incorporated Supabase + Resend automatic mailing list and Stripe payments in a responsive campaign website for a local mayoral candidate optimized site for SEO, accessibility, and mobile usability.
- Reached 3,000 visitors and 9,000 views in a month with a lighthouse score of 100

Projects

Uber Replica | *React, Express, MongoDB, Redux, Redis, Docker, Kafka, JMeter*

- Engineered full-stack clones of Uber Eats and Uber user interfaces for customers, drivers, and admin data analysis dashboards as well as database schema design and backend microservice architecture
- Led Github version control strategy across team members, resolving merge conflicts, correcting accidental pushes, and maintaining repository hygiene
- Employed Redux and Kafka for asynchronous messaging and polling resulting in an increased request throughput of 250% for 10,000 concurrent users

Traffic Data Warehouse ETL Pipeline | *Python, SQL, PowerQuery, Amazon Redshift*

- Led and developed an end-to-end ETL pipeline to extract 550,000+ rows of raw data from Amazon S3, clean and transform it, and load it into Redshift for efficient querying using a star schema
- Wrote complex SQL queries to explore correlations between traffic disruptions and external factors, and presented findings through visualizations and dashboards

Technical Skills

Languages: Python, C++, SQL, TypeScript, JavaScript, HTML/CSS

Frameworks & Libraries: React, Next.js, Node.js, Express, Redux, Kafka, Scikit-learn, Pandas, Numpy, Jest, Stripe

Tools & Platforms: Git, Github, npm, Docker, AWS (EC2, S3), Vercel, Supabase, MongoDB, PostgreSQL, MySQL, VS Code, JIRA, Notion, Power BI, Excel, Figma, Postman, Redshift, JMeter