

Nicholas Wong

Location: San Francisco, CA

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PROFESSIONAL SUMMARY

Software Engineer with a foundation in full-stack applications using Python, Java, React, and AWS cloud services. Experienced in building scalable APIs, deploying cloud-based solutions, and collaborating in agile teams to deliver innovative, high-impact technology.

EDUCATION

University of California, Riverside

Riverside, CA

B.S. Computer Science with Business Applications

2021 - 2025

Relevant Coursework: Data Structures and Algorithms, Software Development, Data Analysis Methods, Technical Communications, Probability and Statistics, Operating Systems, Artificial Intelligence

TECHNICAL SKILLS

Languages / Frameworks: Python, React, C/C++, Java, JavaScript, Bash, SQL, HTML, CSS, React Native, Vue.js, Flask, FastAPI, Expo, JSON

Developer Tools: JIRA, Excel, Git/GitHub, Node.js, Firebase, AWS, Postman, CI/CD, Jupyter Notebook, MongoDB, Figma, Agile Workflow([Asana Workflow Specialist](#))

EXPERIENCE

Idler

San Francisco, CA

QA Engineer

Dec 2025 – Present

- Evaluated LLM coding agent performance by reviewing task specifications, test suites, failure modes, and code diffs across complex codebases.
- Improved reliability of AI evaluation frameworks through technical QA of golden patches, failure analyses, and rollout diffs, ensuring consistent, requirement-aligned, and fair evaluations.
- Led root cause analysis of AI agent failures by evaluating ambiguous requirements and implementation defects.

Handshake

San Francisco, CA

AI Data Annotator / QC Specialist

Nov 2025 – Present

- Annotated and curated multimodal datasets (audio, visual, text) for large-scale projects, by reviewing and refining data to ensure high-quality AI training.
- Performed quality control checks to maintain baseline accuracy and ensure consistent, reliable labeling standards.

PROJECTS

GymReact [Demo](#)

Aug 2025

AI-Powered Cross-Platform Fitness App

- Built and published a cross-platform mobile app with **React Native** and **Expo**, integrating the **OpenAI API** for personalized workout plans and intelligent activity tracking.
- Implemented modular architecture using **React Context API** and **React Native Paper**, with **Firebase Auth** for secure, structured user data across iOS and Android.
- Collaborated in an **Agile** team using **GitHub** for code review and issue tracking.

Job Dashboard [GitHub](#)

Jul 2025

Data Visualization - Analytics Tool

- Developed an interactive job analytics dashboard using **Python**, **Dash**, and **Pandas** to visualize hiring trends and insights.
- Automated processing of 40+ **job postings daily** with **SQLAlchemy** scripts and **GitHub Actions**, integrating a **PostgreSQL database** on **Render** for scalable data management.

CapyReads [GitHub](#)

Sep 2024

Manga Web App

- Developed a high-traffic full-stack web app (**100+ users**, **1000+ requests/sec**) showcasing trending, new, and user-favorites manga.
- Built a responsive frontend with **React**, **Material UI**, and **TypeScript/JavaScript** and a scalable **REST API** for asynchronous content fetching and session management.
- Deployed on **AWS EC2** with load balancing and auto-scaling, ensuring high availability and low latency, and implemented robust end-to-end testing with **Cypress**, ensuring reliability and smooth deployments.