Nicholas Wong

Location: San Francisco, CA

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PROFESSIONAL SUMMARY

Results-driven software engineer with a foundation in full-stack applications using Python, Java, React, and AWS cloud services. Skilled in building scalable APIs, deploying cloud-based solutions, and collaborating cross-functionally in agile environments to deliver impactful technology solutions.

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, Networking, Cybersecurity

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/Firestore, AWS, Postman, CI/CD, Jupyter Notebook, MongoDB, Figma, Agile Workflow (Asana Workflow Specialist)

EXPERIENCE

Idler — San Francisco, CA
QA Engineer — *Dec 2025 – Present*
- Reviewed LLM coding agent performance by assessing test suites and code diffs across various complex codebases.
- Improved AI evaluation reliability and fairness with technical QA of golden patches, failure analyses, and rollouts.
- Led root cause analysis of AI agent failures by distinguishing ambiguous requirements from implementation defects.

Handshake — San Francisco, CA
AI Data Annotator / QC Specialist — *Nov 2025 – Present*
- Contributed to large-scale multimodal training datasets, validating data correctness, consistency, and edge cases to support rigorous AI model training.
- Performed quality control checks to maintain high baseline accuracy and ensure precise labeling standards.

PROJECTS

GymReact Demo — Aug 2025
AI-Powered Cross-Platform Fitness App
- Developed and published a cross-platform mobile app with **React Native** and **Expo**, integrating the **OpenAI API** for personalized workout plans and intelligent activity tracking.
- Utilized **React Context API** and **React Native Paper**, with **Firebase Auth** for secure, structured user data.
- Engaged in Agile development practices with **GitHub code reviews** and **issue tracking** improving collaboration.

CapyReads GitHub — Jul 2025
Manga Web App
- Created a full-stack web application using **React, JavaScript, HTML,** and **CSS** that allows users to browse, read, and favorite trending manga, supporting 100+ active users.
- Designed a responsive frontend with **Material UI** and **TypeScript**, integrated with a robust **REST API** for async fetching **JSON** data and session handling.
- Deployed on **AWS EC2** with auto-scaling and **Cypress** end-to-end tests, reducing latency and increasing stability.

JobPulse GitHub — Mar 2025
Data Visualization - Analytics Tool
- Built an interactive **Python** dashboard with **Pandas** and **Dash** to analyze hiring trends and generate insights.
- Incorporated an automated job-scraping pipeline that processes **40+ job postings** daily using **SQLAlchemy**, **GitHub Actions**, and a **PostgreSQL database** hosted on **Render**.