Jeannie Zhang

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TECHNICAL SKILLS

Languages: Python, Golang, TypeScript, Javascript, Java, Kotlin, C++, C, C#, HTML/CSS, SQL, Bash
Frameworks/Libraries: React.js, Next.js, React Native, Flask, Pandas, Tailwind CSS, Redux, Playwright, Node.js
Tools: Git, Docker, PostgreSQL, Bitbucket, Jira, Confluence, Postman, Vim, Unity, AWS, Linear, Cursor

EXPERIENCE

Kaleidoscope.bio — May 2025 - Present
Software Engineering Intern — *New York City, NY*
- Spearheading **core product initiatives** to streamline insights and workflows for pharmaceutical clients

Mantle — Sep 2024 - Dec 2024
Software Engineering Associate — *Toronto, ON*
- Led the development of **flagship features** for a fintech platform with **Typescript**, **React.js** and **Go**
- Optimized web-scraping scripts with **Playwright**, automating the retrieval of **500+ documents** daily
- Improved **Google Gemini** integration to extract financial statement data with **90% accuracy**
- Built a regression test suite for **50+ AI prompting templates**, enhancing reliability and user trust

Stealth Startup — Jan 2024 - Apr 2024
Full-stack Developer — *San Francisco, CA*
- Spearheaded the migration from a legacy API to an in-house database with **Python** and **Golang**, resulting in over **$60,000 USD** in annual cost savings for the company
- Developed **Python** scripts to scrape review and location data on over **2.5 million** healthcare providers
- Architected data pipelines using **Pandas** and **Psycopg2**, validating integrity across extensive datasets

Okos — May 2023 - Aug 2023
Software Developer — *Calgary, AB*
- Built features to manage **300+** installation projects end-to-end using **TypeScript** and **React.js**
- Optimized API endpoints using **Python** and **Flask** to improve server response times by **160%**
- Debugged and implemented a mobile login page using **React Native**, reducing app crashes by **30%**

Definity — May 2022 - Aug 2022
Software Developer — *Kitchener, ON*
- Improved back-end functionalities with **Apex**, enhancing performance for managing **1000+** site users
- Singlehandedly elevated code coverage to **80%** by writing test classes and **SQL** queries to fetch data
- Led the development of a new Salesforce Organization used by **100+** brokers **from design to delivery**

PROJECTS

Awake Again | *C#, Unity* 🔗
- Developed a top-down 2D role-playing game for Brackeys Game Jam ranking **top 15%** overall
- Utilized **Unity** engine to design and implement a dialogue system, user interfaces, and game mechanics

Memo(rable) | *Javascript, HTML/CSS, Firebase* 🔗
- Created a full-stack message wall web application with a responsive user interface
- Leveraged **Firebase** to authenticate Google login and manage user data, storing **100+** public messages

ACHIEVEMENTS

Attained the title of **FIDE Woman Candidate Master** in chess

EDUCATION

University of Waterloo — September 2021 – May 2026
Candidate for Bachelor of Computer Science — *Waterloo, Ontario*
- **Relevant Courses**: Algorithms, Human-Computer Interaction, Software Design and Architectures