

JAEHWI KWON

Software Engineer

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[Github](#)

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Professional Experience

FREELANCE

February 2024 - Present

Software Engineer

- Create prompts and evaluate the AI's response. Fix the code written by the AI in Python, BigQuery, PostgreSQL, React and various other frameworks and languages.
- Communicate with team lead and peers to assist each other create more complex prompts and responses as well as decide how the AI should respond.
- Build a proof of concept for a personal health management, mobile application using React Native, TypeScript, and Supabase.

SYFT

August 2022 - Oct 2023

Full Stack Software Engineer

- Developed the Discover feature in Syft to allow users to search for new accounts and contacts using Apollo API's which led to an increase in number of users by 10%.
- Created a rich text editor in Vue, HTML and CSS to emulate Slack, allowing users within an organization to communicate and tag one another to better plan their sales strategy while also following responsive design best practices and ensuring cross-browser compatibility.
- Deployed the Argos microservice using Google Kubernetes Engine, built using Flask, for the purpose of connecting with third party integrations providers so users can connect to Outreach, Salesloft and other such platforms.
- Analyzed and experimented with using a trie to implement the search feature to allow users to search their saved accounts.
- Implemented AI and ML technologies, through ChatGPT and our own proprietary model to automate sales email creation and scraping google news for buying signs.

CYNOPSIS SOLUTIONS

July 2021 – August 2022

Associate Software Engineer

- Optimized API calls using RabbitMQ and Celery to conduct multithreading operations such that there was an 80% increase in performance experienced for some clients ensuring high-performance.
- Utilized AWS platforms such as S3, EC2 and ECS to create instances for new clients, release new versions, monitor client logs, perform bug fixes when necessary and manage client databases.
- Lead sprint planning every 2 weeks and communicated with cross-functional teams as well as my own team about new and upcoming features, bug fixes, and client expectations.

FREELANCE

March 2021 – March 2022

Software Engineer

- Styled client's React application using Material UI and implemented state management using Redux.
- Deployed several cloud functions using Google Cloud platform that connected with the clients third party data providers and a cron job to automate notifying users about upcoming payments.

SPRYTE LABS

June 2020 – July 2021

Software Engineer

- Built the partner platform and firestore database to allow vendors to keep track of skills, industries and project types their developers have experience in.
- Developed components in React using Syncfusion to enable vendors to view their employees, edit the employee and company information, and track previous, current, and future assigned developer projects via a Gantt chart.
- Implemented a Google Cloud API using Python, Flask and spaCy NLP library to allow users to upload their resume and populate their profile with information from their resume.

Certifications

CS50 Introduction to Artificial Intelligence
(2023)
Harvard University

Certified Entry-Level Python Programmer (2021)
OpenEDG Python Institute

Byte Academy (2020)
Full Stack Bootcamp – 4 month
course

Skills

Python, JavaScript, TypeScript, Django, Flask, NodeJS, React, Vue, PostgreSQL, SQLite, Firestore, EC2, S3, Git, Github
Communication, Critical Thinking, Problem Solving, Teamwork

Education

CUNY City College of New York (2017)
B.S. Earth Systems Science and Environmental Engineering