

Ray Kim

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Experienced Software Engineer with a track record of developing robust web applications.
Seeking a full-time position in a dynamic organization where I can contribute to the team's success.

Skills

- **Programming Languages:** TypeScript, JavaScript, Python
- **Frameworks and Technologies:** HTML5, SASS, React, Redux, GraphQL, REST APIs, PostgreSQL

Work Experience

CrowdDoing

Software Engineer

San Jose

January 2024 - Present

- Spearheaded the development of reusable **React** components, enhancing development efficiency.
- Implemented **AI-driven algorithms** to cluster stewards, identify collaboration opportunities, and optimize fractalization process, enhancing ecosystem resilience and effectiveness.
- Conducted thorough unit testing using **Python and pytest** framework, ensuring code quality and identifying defects early in the development cycle.

Genemod

Software Engineer

San Jose

June 2022 - May 2023

- Developed and executed advanced web applications using **React, TypeScript, and Redux**, leading to improved user engagement and page load speed.
- Refactored a legacy JavaScript codebase to **TypeScript**, implementing type safety and improving code maintainability.
- Integrated **RESTful APIs** with frontend applications, leveraging Django to ensure seamless data exchange and optimal application performance.
- Contributed to code reviews, offering constructive feedback on **50+ pull requests**, enhancing code quality and ensuring adherence to industry best practices.

Underwatch

Software Engineer Intern

San Jose

October 2021 - May 2022

- Employed **AWS Cognito** for user authentication and integrated Amplify to enable the automatic deployment of company website reducing deployment time.
- Utilized AWS such as **EC2 and S3** to deploy and scale web applications, resulting in a 40% decrease in load times.
- Achieved a 40% reduction in server costs by migrating the application to a serverless architecture using **AWS Lambda**.
- Aggregated and systematized user information by using Instagram and Facebook APIs with **GraphQL**, resulting in a 25% increase in data accuracy and streamlined data retrieval processes.

IBM

Software Engineer Apprentice

Los Angeles

June 2021 - August 2021

- Led a team in developing a modern frontend app using **React**, focusing on delivering a seamless user experience.
- Managed project development and documentation via GitHub, implementing CI/CD strategies to streamline deployment processes.
- Demonstrated strong collaboration and communication skills, effectively working with team members.

StemAway

Software Engineer Intern

Los Angeles

June 2021 - August 2021

- Configured and built a theme and plugin for an open-source community forum software, Discourse, enhancing user interaction and engagement.
- Utilized Object Oriented Programming in **JavaScript** and DOM structure to implement various frontend functionalities, improving the forum's usability and performance.

Education

San Jose State University | Charles W. Davidson College of Engineering

B.S. Software Engineering

- Relevant Coursework: Computer Architecture, Probability & Statistics in Engineering, Computer Network, Object Oriented Design, Software Engineering I, II, Operating Systems, Software Quality Testing, Database