ZACH KAIGLER

SOFTWARE ENGINEER

Brooklyn, NY | 724.552.6363 | zjkaig@gmail.com

Portfolio | Github | LinkedIn | Medium

TECHNICAL SKILLS

TypeScript, JavaScript, React.js, Next.js, React Query, React Context, React Hooks, React Router, Redux, HTML, CSS, Sass, Node.js, Express, Jest, React Testing Library, Storybook, Dailyjs, JWT, WebSockets, Python

SELECT EXPERIENCE

Full Stack Software Engineer
Glen Lake Pioneering | 04/23 – Present
Full stack software engineer creating beautiful and feature-rich applications for startups from the ground up. Core toolset: React.js, Typescript, AWS DynamoDB, AWS S3, Python, REST, Sass, Jest, React Testing Library

- Lead development of the JointAI platform across the stack – including the refactoring and optimization of a legacy codebase, integration of a proprietary machine learning algorithm used to analyze x-rays, and construction of a full REST API utilizing DynamoDB and AWS S3.
- Lead development of the SBS Education Platform – a web application used to train medical practitioners in hip and knee x-ray evaluation – from the ground up, including the creation of a fully custom and ARIA compliant component library, integration with AWS Amplify, and production deployment.
- Worked closely with a small team of product designers and project managers to facilitate realistic project scoping, productive sprints with successful goals, and vastly improved output velocity.

Frontend Engineer
ClearMix | 12/21 – 12/22
Software engineer on the YC startup's frontend team, creating a variety of applications to facilitate both internal and client use of the ClearMix platform. Core toolset: React.js, Next.js, Typescript, React Query, Dailyjs, Sass, Jest, React Testing Library, Figma

- Frontend lead for ClearMix Projects platform. Planned and engineered a fully featured, folder tree based interface – including drag-n-drop functionality, media upload, and responsive design – returning lapsed accounts to the business by integrating their project planning needs into the platform and greatly increasing engagement.
- Architected, developed, and maintained ClearMix's flagship virtual studio application, facilitating remote communication and high quality video recordings stored locally and uploaded to the cloud in real time – lowering internal costs and increasing the company's quarter over quarter revenue.
- Contributed to development of the ClearMix Intros feature, allowing users to upload content to the platform and seamlessly preface it with personalized video introductions as well as track external engagement – creating product lead growth for ClearMix and driving both increased interest and new business for the company.
- Developed a suite of custom frontend hooks to allow for cleaner, DRYer code, performant data fetching and caching, and a friendly developer experience.

Software Engineer
SovaSage Inc. | 08/21 – 12/21 (contract)
Contractor with the company's engineering team, built several micro applications across the stack created to generate new user interest in the platform. Core toolset: React.js, Javascript, Node.js, AWS, Storybook, Sass, Jest, React Testing Library

- Designed and built dynamic and interactive front-facing webpages using React and Material UI, driving new business to the company and increasing revenue.
- Utilized Storybook to construct, organize, and test a stateful, component based user interface.
- Wrote and maintained Jest unit tests for both frontend and backend code.
- Leveraged several AWS services–including Lambda, DynamoDB, Amplify, and SNS–to build functional application backends.

EDUCATION

Flatiron School	**Point Park University**
New York, NY	03/21-06/21	Pittsburgh, PA	05/13
Full Stack Web Development	Bachelor of the Arts - Cinema and Digital Arts