

Erik Kimsey

Frontend Developer

Tenacious software engineer, specializing in developing sexy, dynamic, and intuitive user-interfaces. Over 4 years of professional experience. Therein, collaborating with multi-disciplinary teams and clients.

~ Core Expertise ~

React • Typescript • Javascript • React Native • C# • Next.js • Node.js • Illustrator • Photoshop • Unity

Professional Experience

Frontend Engineer | Peripheral Brain (PBrain)

11/2022-06/2023

Next.js • Javascript • React Context API • CSS • Material UI • Docker

- Decreased mobile-data usage by as much as 400%, by implementing state-management techniques.
- Improved user-experience by developing a closable-tabs feature to PBrain open "Editor" components.
- Reduced codebase inter-dependency, by modularizing features into individual React components.
- Increased accessibility, to potential customers and mobile users, by adding to and refining the the UI's responsiveness.
- Increased PBrain's performance and codebase's readability by removing redundant logic, unused logs, and unnecessary comments.

Software Engineer / UI + UX Designer | Moxie

11/2021 - 06/2023

React Native • Javascript • Three.js • C# • Unity3D • Swift / SwiftUI • Blender

- Engineered 3 small prototypes of Moxie, testing Moxie's UI requirements (highly-stylized, dynamic, interactive features) against the capabilities of: React Native, C#/Unity, and SwiftUI + Swift Frameworks.
- Architected Moxie's preliminary frontend structure and backend schemas, based off of its user-stories.
- Created *over 50* visual, audio and UI assets (incl. 3D models, sprite graphics, and shaders).
- Drafted Moxie's business and marketing plan.

UI Engineer | University of Virginia + Sartography

09/2020 - 03/2021

Typescript • React Native • Python • SQLite • Node.js

- *Engineered over 90% of the UI for the mobile application "SkillSTAR"*; therein, designed the mobile application's architecture.
- *Reduced project costs by \$30,000*, by performing the roles of UI designer and project manager.
- Implemented the "*Chaining Educational Model*" as a complex, *recursive algorithm using Typescript*.
- Orchestrated weekly meetings with the SkillSTAR clients, to discuss development progress.
- Created custom graphic assets, using Illustrator and Photoshop, used throughout the application.
- Collaborated with backend engineers to design database schema and Rest endpoints.

Frontend / Full-Stack Engineer | various contracts

2018 - 2020

Javascript Engineer | ChartIQ ("Cosaic")

2016 - 2017

Studio Recording Technician | Rosetta Stone

2012 - 2016

Supervisor | Westover Park Skatepark

2006 - 2012

Education

Bachelor of Science, Philosophy | James Madison University | **2010**

Graphic Design Certificate | Blue Ridge Community College | **2012**

Lambda School | Software Engineering | **2019**

Object-Oriented Programming in C++ | Oregon State University | **2017**