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Erik Kimsey
Frontend Engineer / Creative Engineer

Frontend Engineer with over 3+ years of combined professional experience, with expertise using *Javascript, React.js*, and *React Native*. Experience collaborating with multi-disciplinary teams, bringing software from start to production. Initially self-taught, with continued education in: full-stack software engineering and graphic design, and a BA in Philosophy. Tenacious, entrepreneurial, keen aesthetic sense, and end-user oriented.

Skill Set

Expert: *React.js • Typescript • Javascript • React Native • CSS/HTML5 • C#*
Advanced: *Next.js • Redux • SASS • Node.js • Angular • SQLite • Python • Django*
Familiar: *Docker • Kubernetes • D3.js • Three.js • GraphQL • Plotly.js*
Software: *Adobe Illustrator • Adobe Photoshop • Figma*

Work Experience

Full-Stack Engineer / Founder - Moxie   2021 - 2022

- Created Moxie's user-stories, upon which I *architected Moxie's frontend structure and backend schemas.*
- *Engineered 2 prototypes of Moxie, 3 scenes each*; first, using React and again using C# / Unity3D.
- *Engineered 20+ core features* using C# and Javascript / React.
- Created *over 50* visual, audio and UI elements (incl. 3D models, UI graphics, and shaders).
- Drafted Moxie's initial business and marketing plan.

Frontend Engineer - Sartography / University of Virginia   2020-2021

- Using *Typescript* and *React*, engineered *100% of* SkillSTAR's *user-interface.*
- *Reduced project costs by over 70%,* by performing the roles of SkillSTAR's UI designer and project manager.
- *Collaborating with a multi-disciplinary team,* refined SkillSTAR's user-story and business logic.
- Implemented *the* "chaining educational model" as a recursive algorithm for skill discovery and learning reinforcement.
- Using UX design best-practices, created 5 graphic assets used throughout SkillSTAR.
- *Collaborating with backend engineers,* using Node.js, SQL and Python, engineered requisite database schema and Rest API endpoints.

Full-Stack Engineer - Chatwise   2019
Frontend (Mobile) Engineer - RealmChain   2019
Frontend (Mobile) Engineer - Connect Our Kids   2019
Frontend Engineer - NextLevelSh*t (Germany)   2018
Javascript Engineer - Cosaic (ChartIQ) / eToro   2016 - 2017
Studio Recording Technician - Rosetta Stone   2012 - 2016

Education

Full-Stack Software Engineering, CE - BloomTech (Lambda School) 2018 - 2019
Computer Science, Post-BS - Oregon State University 2015 - 2016
Graphic & Web Design, CE - Blue Ridge Community College 2014 - 2015
Philosophy, BA James Madison University 2006 - 2010

Accolades / Volunteer

EMT Basic - Harrisonburg Volunteer Rescue Squad
Phi Sigma Tau - Philosophy Honors Society member, JMU
Coding Tutor - Skyline Middle School, HCPS
Founder / Director - Club of Creative Writing, BRCC