

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