ERIK KIMSEY
// SOFTWARE ENGINEER

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As a passionate, tenacious, and creative engineer, I use the right tools and architecture for the job. But, I specialize in full-stack engineering using ES6/7, React, NodeJS/ExpressJS, and SQLite, with a passion for building intuitive, performant, and beautiful technology.

SKILLS

Full-Stack Engineering
- JavaScript, React, NextJS
- Redux
- CSS3, Sass, Styled-Componets
- HTML5
- NodeJS, Express API
- Relational & NoSQL database design
- GraphQL
- Apollo-Server / -Client
- Python / Django
- Webpack
- Test-Driven Development
- Bootstrap
- Redis
- Web Audio API
- Web Sensor APIs
- P5.js
- D3.js

Languages
- Javascript (ES6/7)
- Python
- SQL
- GraphQL
- Java (Android)
- Processing
- C/C++

Design Tools
- Adobe Illustrator
- Adobe Photoshop
- Adobe InDesign
- Adobe XD

Misc. (experience varying)
- React-Native
- Propellerhead Reason
- Abelton Live
- Audacity
- Blender
- Unity3D
- JUCE
- Arduino
- Adobe Premiere
- Adobe AfterEffects

WORK EXPERIENCE

9/2018
NEXTLEVEL / KARDION
Front-End Engineer
(HTML5, Sass, Bootstrap)
- Per design specifications, helped build responsive website for medtech firm, Kardion GmbH

6/2018
NEXTLEVEL / B612 DESIGN
Front-End Engineer
(Angular 4 & D3)
- Contributed to the development of an interactive guilloche for use by a Stuttgart design firm, B612

1/2018
RAINCROW
Back-End Engineer contractor
(NodeJS & Redis)
- Contributed to the early-stage engineering of a Node server and Redis database supporting the activity of a MMORPG (Covens)

10/2016 - 6/2017
CHARTIQ
JavaScript Engineer
(JavaScript, HTML5, CSS3, & AngularJS)
- Helped implement "ProCharts" in a ChartIQ client's application
- Contributed to performance upgrades, using JavaScript, to ChartIQ's flagship financial-charting solution
- Contributed to public-facing documentation

2012 - 2016
ROSETTA STONE
Studio Recording Technician/
Product Support
- Monitored and recorded Live Studio Sessions.
- Created training materials for Studio Recording Technician role.
- Helped Consumers Troubleshoot Rosetta Stone software issues

EDUCATION

2018 - 2019
COMPUTER SCIENCE
Lambda School
Curriculum:
- Full-Stack Web Development
- Database and RESTful API Design
- Programming paradigms (Declarative, Imperative, and Procedural)
- Software Design Patterns
- Single-Page Application Development
- Algorithm Analysis
- Data Structures
- Theory of Computation
- Computer Architecture
- Cellular Automata
- Version Control
- Agile (Scrum and Kanban) and Waterfall techniques

2017
COMPUTER SCIENCE
OSU
- Object-Oriented Programming in C++
- Discrete Maths

2012
WEB DESIGN & DEVELOPMENT (CERT)
Blue Ridge Community College
- Javascript, HTML, CSS, Java
- Graphic Design Concepts
- Adobe Illustrator, Photoshop, InDesign

2006 - 2010
PHILOSOPHY (BS)
James Madison University
Minors: creative writing & design
- Phi Sigma Tau Philosophy Honors Society Member