

ERIK KIMSEY

// SOFTWARE ENGINEER

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As a creative technologist and software engineer, I find the best tools and architecture for the job. Experimentation and breadth of experience are at my core. I strive for resuability, modularity, and succinctness. My passions lay in building intuitive, performant, innovative, and beautiful technology. As a *full-stack* engineer, my focus is mobile-web using JavaScript (ES6/7), React, NodeJS, and Web APIs.

SKILLS

Full-Stack Engineering

- JavaScript, React, NextJS
- Redux
- CSS3 / Sass / CSS-in-JS
- HTML5
- NodeJS / Express
- Relational & NoSQL DBs
- GraphQL
- Apollo-Server / -Client
- Python / Django
- Webpack
- Test-Driven Development
- Bootstrap 4
- Web Audio, Web Sensor APIs
- P5.js, D3.js,
- Angular

Languages

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

Design Tools

- Adobe Illustrator
- Adobe Photoshop
- Adobe InDesign
- Adobe XD

Misc. Technology

- React-Native
- Android SDK
- ARCore
- Propellerhead Reason
- Abelton Live
- Audacity
- Blender
- Unity3D
- JUCE
- Arduino / IC
- 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

(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

8/2017 - 12/2017

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

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