

# Elise Kain

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## Experience

**Staff Engineer, Everactive** **1.2020 — Present**

**Senior Software Engineer, Everactive** **7.2019 — 1.2020**

- Lead requirements gathering, design, development planning, cross-team collaboration, and frontend implementation efforts for the Evercloud web application release of Machine Health Monitoring (MHM) product. Notable features include: data visualizations (e.g. a 3D Waterfall Chart with zoom & rotation and a collection of time series charts with visual threshold indicators), machine alarm management system, threshold breach notifications, and a historical record of machine events.
- Collaborate with backend and data science teams to develop schema and API responses for the transition from OpenTSDB to Timescale time series databases. Implement all required API changes in the Evercloud web application and adapted all existing data visualizations to use the new format.
- Drive effort to separate configurable settings (like login banner messages and security alerts) from the deployment process, enabling Everactive to share information with customers more efficiently and safely.
- Advocate and implement a new “feature development process” for the Cloud team incorporating design thinking exercises, prototyping, and user testing. The new process solicits feedback from outside stakeholders, creates more clarity for developers, and enables the team to better forecast and meet goals.
- Mentor and onboard new Cloud team member by knowledge sharing, pair programming, and code review.

**Developer – Search Platforms Engineering, Merkle** **1.2018 — 7.2019**

- Develop internal web applications, enabling analysts to customize client marketing strategies and ad spend.
- Consume information from data science pipelines, external advertising API's, and data warehouses.
- Introduce React, Node.js, Express, transpiling, minifying, linting, and unit testing to a legacy codebase.
- Rapidly develop tools to address urgent business requirements, such as delivering a Chrome extension in four hours and writing a custom Yeoman generator in one day.
- Implement style guide in collaboration with project managers. Revamp design process to include wire-framing, user feedback, and user experience / design best practices.
- Collaborate on teams of 5-12 people to gather requirements, design solutions to address identified problems, define quarterly goals, and write comprehensive epics / tickets to accomplish goals.

**Software Developer, IO Education** **2.2016 — 1.2018**

- Create React / Node.js data visualization web application for K-12 school district administrators.
- Write database migrations, RESTful API & responsive user interface for professional development system.
- Develop IO Education central user hub, enabling streamlined customer implementation process.
- Optimize build processes for development workflow, implement unit tests, deploy code to production.
- Collaborate in teams of 2-5 people, incorporating agile software development practices and code review.

**Website Developer, Charlottesville Ronald McDonald House** **10.2014 — 12.2018**

Developed custom WordPress sites for the house, Cville Rocktoberfest & Virginia Gingerbread Christmas.

**Rules of Golf Associate, United States Golf Association** **4.2013 — 7.2014**

Resolved 5,000+ inquiries about the USGA Rules of Golf & Amateur Status for golfers in the US / Mexico.

**Operations Coordinator, Philadelphia Section PGA** **6.2010 — 4.2013**

Tournament Director & Rules Official for over 50 tournaments / year.

## *Skills*

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|--------------|---------------------|-----------|-----------------|-------------------|
| • JavaScript | • Node.js           | • Git     | • Webpack       | • UX Research     |
| • HTML / CSS | • Sass              | • Jenkins | • Jest / Enzyme | • Design Thinking |
| • Vue        | • npm / Node.js     | • Docker  | • Mocha / Chai  | • Wireframing     |
| • Highcharts | • ESLint / Prettier | • Bash    | • SQL           | • AWS: S3         |

## *Education*

### **Web Development Immersive**

General Assembly – Washington, DC

**10.2015 – 1.2016**

### **B.S. Communication Management & Design**

Ithaca College, Roy H. Park Scholar – Ithaca, NY

**8.2006 – 5.2010**