Mark Ellis

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experience

Niantic
Software Engineer (Remote)   *Feb 2022 → Jul 2022*

→ **Contributed full stack features** to external and internal Google Cloud Platform web applications using **React, Angular, Node.js, Groovy,** and **Google Spanner DB.**

→ **Tuned SQL queries** and **improved API request times** by as much as 90%.

→ **Researched and owned UI development of large scale feature** for internal GeoData platform tool.

→ **Configured automated linting and code formatting** for project, helping reduce noise in code reviews.

Animoto
Senior Full Stack Engineer (Remote)   *Mar 2021 → Mar 2022*

→ **Collaborated with product and design** to build new features for web-based video editing application with **React, Typescript, Redux, Node.js, Ruby,** and **MySQL.**

→ **Contributed to a Node.js media processing pipeline,** enabling font upload and validation for use in video editor.

→ **Planned and executed A/B testing** for subscription tier pricing that led to 13% increase in conversions.

DraftKings
Senior Software Engineer, Web (Remote)   *Aug 2020 → Mar 2021*

→ **Improved Lighthouse performance scores** for draftkings.com by 15% by optimizing webpack build output.

→ **Built and maintained keyword-rich data tables** in single page application wtih 1M+ monthly users, boosting site in organic search result placement.

JP Morgan Chase
Senior Software Engineer (Houston, TX)   *Aug 2018 → Aug 2020*

→ **UI tech lead on development of internal CRM tools** using **OpenFin, React, Redux,** and **Spring Boot.**

→ **Served as a web architecture design authority** to promote coding standards and best practices across web teams, and to provide mentorship and coaching to growing engineers.

→ **Oversaw efforts to build out automated testing infrastructure** with **Selenium for end-to-end testing,** and Jest for unit testing, leading to > **90% code coverage.**

→ **Standardized hiring process** for frontend engineers and conducted interviews.

→ **Led initiative to modernize team's software development lifecycle,** decreasing ticket lead time down from 60 days to 3 days or less.

Software Engineer II (Houston, TX)   *Aug 2017 → Aug 2018*

→ **Reviewed and recommended technology options** for large application rewrite.

→ **Prototyped, developed and delivered MVP of application** that saved sales team 100+ hours per week.

→ **Coordinated with cross functional teams** to plan and prioritize backlog.

Software Engineer
Stardog Union (Remote)   *Jan 2017 → Jul 2017*

→ **Bootstrapped and developed** a **serverless React web-app, leveraging AWS** for MFA, role and permission management, REST services, and database storage.

→ **Authored a Visual Studio Code extension** for syntax highlighting and running queries against company's flagship graph database.

TheoremOne
Front-End Engineer (Remote)

- → **Implemented new client-side architecture** and build setup using React, Redux, and Webpack that enabled faster development and component reuse between client projects.
- → **Resolved 50% of documented UI bugs** within a month of joining the team.

PROS   *Nov 2014 → Aug 2016*
Software Engineer (Houston, TX)

- → Worked closely with UX and Product teams to rebuild legacy sales analytics dashboards in React.
- → **Helped extract common UI components into an internally-shared component library.**
- → Leveraged Webpack to **reduce average build time and CPU usage by 87.5% and 93%.**

education

Hack Reactor   *Jun 2014 → Oct 2016*
Full Stack Engineering Bootcamp (Austin, TX)

- → 12-week immersive software development program that teaches full-stack Javascript development.
- → Stayed on as a teacher's aide for two months after graduating.

University of Houston   *Aug 2006 → Dec 2010*
BA, English (Houston, TX)

- → University Honors with Honors in Major (2010)
- → Howard Moss Poetry Prize, Honorable Mention (2010)
- → Academic Excellence Scholarship (2006-2010)
- → Dean's List (2008)
- → Kristen Shepler Scholarship (2009)

proficiencies

typescript, javascript, html5, css3, react, redux, webpack, unit testing (jest), end-to-end testing (cypress, cucumber), CI/CD (jenkins), cloud services (aws, gcp), rest api (express.js, rails), java (spring), git, ruby, database (mysql, postgres)

Are you still reading this?

Let's talk!