

# Mark Ellis

Houston, TX, USA | 281-885-9345 | [ellismarkf@gmail.com](mailto:ellismarkf@gmail.com) | <https://mfellis.com>

## experience

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### Indeed

Sep 2022 → Present

Senior Software Engineer (Remote)

- Designed and led state management refactor, simplifying contribution for external teams.
  - Contributed to real-time messaging redesign features, such as marking messages as unread.
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### Niantic

Feb 2022 → Jul 2022

Software Engineer (Remote)

- 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.
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### Animoto

Mar 2021 → Mar 2022

Senior Full Stack Engineer (Remote)

- 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.
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### DraftKings

Aug 2020 → Mar 2021

Senior Software Engineer, Web (Remote)

- 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 with 1M+ monthly users, boosting site in organic search result placement.
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### JP Morgan Chase

Aug 2018 → Aug 2020

Senior Software Engineer (Houston, TX)

- 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.
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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

Jan 2017 → Jul 2017

Stardog Union (Remote)

- 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.
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## TheoremOne

Aug 2016 → Nov 2016

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.
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## 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%.
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## education

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### 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.
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### 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)
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## proficiencies

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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)