

# Mark Ellis

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## summary

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Forward-thinking Software Engineer with 8 years of experience driving all phases of the software development life cycle, including requirements analysis, design, development, and implementation. Demonstrated history of collaborating effectively with cross-functional teams to deliver projects on time and within budget. Adept at leveraging Agile methodologies and CI/CD practices to optimize development processes. Skilled at tackling complex technical challenges with innovative solutions, leveraging both technical expertise and strategic vision. Committed to driving continuous improvement and delivering high-quality software solutions.

## experience

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### Indeed

Sep 2022 → May 2024

Senior Software Engineer (Remote)

- Helped migrate email-based messaging system to real-time messaging platform, resulting in **streamlined workflows across 100+ pilot users**
  - **Greatly mitigated legal risk** by implementing front-end messaging platform features and bug fixes
  - Orchestrated the development and deployment of a **critical cross-team backend messaging feature**, fixing a broken messaging workflow **impacting 25% of all employer users**
  - **Served as on-call first responder on a rotating basis**, resolving production issues, scaling devops infrastructure, and improving application monitoring and alerting
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### Niantic

Mar 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 DBA
  - **Drove a 90% improvement in API request times by tuning SQL queries**, significantly enhancing system performance and overall responsiveness
  - **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
  - Implemented custom font upload and validation in a **Node.js media processing pipeline**
  - **Increased conversions by 13% by planning and executing A/B testing** for subscription tier pricing
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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
  - Promoted coding standards and best practices across web teams, and mentored engineers
  - Increased code coverage to a 90% threshold by **building automated testing infrastructure with Selenium for end-to-end testing**, and Jest for UI unit testing
  - **Standardized hiring process** for frontend engineers and conducted interviews
  - Reduced delivery lead time from 60 days to 3 days or less by modernizing **team's software development lifecycle**
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Software Engineer II (Houston, TX)

Aug 2017 → Aug 2018

- Increased sales team efficiency by 100+ hours per week by prototyping and delivering application rewrite
- **Coordinated with cross functional teams** to plan and prioritize backlog

## PROS

Nov 2014 → Aug 2016

Software Engineer (Houston, TX)

- Worked closely with UX and Product teams to rebuild legacy sales analytics dashboards in React
- Extracted common UI components into an internally-shared component library
- Reduced average build time and CPU usage by 87.5% and 93% by optimizing Webpack builds

## education

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### Hack Reactor

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

Bachelor of Arts, English (Houston, TX)

## skills

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typescript, javascript, html5, css3, react, redux, webpack, unit testing (jest, junit), end-to-end testing (cypress, cucumber), CI/CD (jenkins, gitlab), cloud services (AWS, GCP), Node.js (express.js), java, kotlin (spring), git, ruby (rails), postgres, mysql, datadog, terraform, graphql (apollo)