

Mark Ellis

Chicago, IL, USA | ellismarkf@gmail.com

summary

Software engineer driving full SDLC from requirements to release. Known for cross-functional execution, Agile/CI-CD rigor, and pragmatic solutions that raise quality and speed.

skills

Languages & Frameworks → JavaScript/TypeScript, React, Redux, Node.js, Ruby, Elixir, Java, Kotlin
Cloud & Infrastructure → AWS, GCP, Terraform, Docker, CI/CD (Jenkins, GitLab), gRPC, Kafka, Apollo GraphQL
Testing & Quality → Jest, JUnit, Cypress, Selenium, E2E automation
Data & Storage → PostgreSQL, MySQL, MongoDB, BigQuery, Google Spanner
Performance & Observability → Datadog, Web Vitals, A/B testing, feature flagging
AI & Tooling → Git, Webpack, Copilot, ChatGPT, internal AI assistants

experience

Grubhub

2024 → Present

Senior Software Engineer

- **Delivered high-impact discovery features** (home/feed modules, category hubs, recommendation rails) with React, TypeScript, and AWS, improving engagement and order conversion
- **Resolved Web Vital regressions** (LCP, CLS), improving load performance by ~15% and layout stability by ~40%
- **Championed adoption of AI-assisted tools**, boosting engineering velocity by ~15-20%

Indeed

2022 → 2024

Senior Software Engineer

- Helped migrate email-based messaging system to real-time messaging platform, resulting in **streamlined workflows across 100+ pilot users** (React, Kotlin, Spring Boot, Express.js, NoSQL, Kafka, gRPC, Apollo GraphQL)
- 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 AWS and MongoDB infrastructure, and improving Datadog application monitoring and alerting

Animoto

2021 → 2022

Senior Full Stack Engineer

- **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

DraftKings

2020 → 2021

Senior Software Engineer, Web

- **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+ MAU, boosting organic search visibility and traffic

earlier experience

JP Morgan Chase

Software Engineer II → Senior Software Engineer

- **UI tech lead on development of internal CRM tools** using OpenFin, React, Redux, and Spring Boot
- Reduced delivery lead time from 60 days to 3 days or less by modernizing **team's software development lifecycle**

PROS

Software Engineer

- Rebuilt analytics dashboards in React, extracted reusable components, and reduced build time by 87%