

Ryan LeCours

Senior Software Engineer – Frontend / Full-Stack

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SUMMARY

Frontend-focused Senior Software Engineer with 7+ years of experience building high-performance web platforms in React, TypeScript, Node.js and Amazon Web Services. I create scalable design systems, modern web architectures, and frictionless user experiences that bridge engineering and product goals.

TECHNICAL SKILLS

Languages & Frameworks: React, Next.js, TypeScript, JavaScript (ES6+), Vue (v2–3), Node.js, Java (Spring Boot)

DevOps & Cloud: AWS (Lambda, S3, EC2, CloudWatch), Azure, Docker, Jenkins, GitHub Actions

Testing: Jest, Cypress, React Testing Library, JUnit

Architecture & Tools: Monorepos (NX, Yarn Workspaces), GraphQL (Apollo Federation), Webpack, CI/CD

Practices: Accessibility (a11y), Agile, Paired Programming, Test Driven Development, Code Reviews

EXPERIENCE

DCS Corporation

May 2023 – Present

Software Engineer III

Remote

- Built modular React + TypeScript front-end packages in a secure monorepo for flight-planning software, enabling map rendering, geospatial overlays, and interactive tools adopted across multiple teams.
- Led front-end standards for architecture, testing, and performance; mentored engineers and shipped reusable components, reducing duplicate UI code ~60% and accelerating new feature delivery ~30%.
- Implemented robust state management patterns using Redux and RxJS to streamline complex async workflows and ensure consistency across 17 shared React packages.
- Cut CI/CD build times by ~91% through Azure Blob Storage caching and pipeline refactoring, improving delivery speed and reliability across the organization.
- Appointed as the sole Technical Lead on a \$250M+ federal contract bid, driving technical strategy and ensuring alignment between engineering deliverables and client requirements.

Fidelity Investments

June 2018 – May 2023

Associate Software Engineer → Software Engineer → Senior Software Engineer

Merrimack, NH

- Built and maintained 4 Vue and 7 Angular micro frontends, defining front-end standards that improved performance, accessibility, and maintainability across enterprise applications.
- Developed and maintained 13 Node.js GraphQL subgraphs, modernizing legacy Java REST APIs into scalable, federated services powering real-time financial workflows that improved data response times by 40%.
- Deployed GraphQL microservices on AWS Lambda, improving scalability, reliability, and deployment speed across multiple product teams.
- Led cross-team initiatives including migration of 70+ applications from Bitbucket to GitHub and mentoring programs that elevated engineering standards company-wide.

Current Personal Project

[Loam Logger](https://ryanlecours.dev/loam-logger) | React + Node.js + GraphQL web app built with Vite for mountain bike ride tracking and analytics.

CERTIFICATIONS & PROGRAMS

DoD Secret Clearance (Active) | Fidelity LEAD Engineering Leadership Program | Fidelity LEAP Development Program

EDUCATION

University of Massachusetts Amherst - Amherst, MA | B.S. Computer Science - May 2018