

Henry Kellam

Mid-Level Full-Stack Software Engineer | React, TypeScript, Node.js, Cloud-Native

SUMMARY

Mid-level full-stack software engineer with 4+ years of experience building and scaling enterprise applications. Proven track record delivering cloud-native systems, performance-critical features, and reusable UI components across large organizations. Strong collaborator with experience owning features end to end, modernizing legacy systems, and improving reliability, performance, and developer workflows.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, CSS

Backend: Node.js, Python, REST, GraphQL, SOAP

Databases: PostgreSQL, DynamoDB, MongoDB

Cloud & DevOps: AWS, Docker, Kubernetes, Azure DevOps, CI/CD

Tools & Practices: Git, GitHub, GitFlow, Agile

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER (FULL-STACK) – iHeartMedia

2022 - 2025

- Owned end-to-end delivery of a core station platform, building React/TypeScript features, maintaining Python and TypeScript microservices, and integrating large-scale station data via REST and SOAP APIs.
- Modernized and optimized performance-critical systems by migrating legacy C# logic to TypeScript and improving backend song recommendation performance by 100%, supporting stations with 1,000+ songs and complex metadata.
- Collaborated cross-functionally with design and engineering teams to ship a production-ready music scheduling prototype in under six months, while promoting engineering best practices such as GitFlow across teams.

Tech: React, TypeScript, Python, REST, SOAP, AWS, GitFlow

ASSOCIATE SOFTWARE ENGINEER – Aptean

2020 - 2022

- Designed and delivered mission-critical GraphQL APIs to integrate enterprise ERP data into a newly acquired CRM, completing the system in under four months and supporting six ERP teams.
- Owned full-stack development and cloud deployment, including AWS infrastructure, Azure DevOps CI/CD, and Docker/Kubernetes-based services for scalable, reliable production systems.
- Built reusable UI components and improved application page load by 30%, while refactoring large codebases to shared patterns and reducing code bloat by 2,000+ lines.

Tech: GraphQL, Node.js, AWS, Docker, Kubernetes, Azure DevOps, SenchaJS, .NET

SELECTED PROJECTS

- **Imperious (WIP):** Multiplayer chess variant built with Next.js and styled-components.
- Emoji-Cam: React application using face-api.js to apply real-time webcam filters.
- **B-side:** Full-stack music review platform built with Node.js, React, and MongoDB.

EDUCATION

General Assembly – Web Development Bootcamp, Certificate of Completion (2019)

Georgia Institute of Technology – B.S. Mechanical Engineering, 4.0 GPA (2018)