

# 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)