

Keon Henton

Full-Stack Software Engineer

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Full-stack software engineer with 5+ years of experience building, testing, deploying, and maintaining production web applications and APIs. Experienced across the SDLC with TypeScript, React, Node.js, Python, SQL, AWS, relational databases, and AI integrations.

PROFESSIONAL EXPERIENCE

Application Architect V

Nov 2024 – Sep 2026

Bank of America, Charlotte, NC

- Built and supported **25+** AI-powered use cases for Erica for Employees, automating employee requests across payroll, Jira intake, software installation, and IT information.
- Contributed to an AI platform used by **90%+** of Bank of America employees, expanding self-service capabilities and reducing IT service desk demand by **50%**.
- Developed, tested, and integrated end-to-end chatbot workflows and integrated REST APIs across multiple connected services, validating functionality before production deployment.
- Troubleshoot and resolved production issues across application services and APIs through log analysis and root-cause investigation, while conducting code reviews and collaborating with technical and business teams in 2-week Agile sprints.

Frontend Developer

Jul 2022 – Nov 2024

Nutramax Laboratories, Lancaster, SC

- Built a **React/Next.js** palatability dashboard that streamlined study tracking and improved participation among internal users.
- Developed GraphQL APIs with Apollo Server to connect **MySQL** data and support efficient queries for internal product analytics.
- Architected and implemented **RESTful APIs and microservices** using **Node.js**, improving system scalability, modularity, and performance while decreasing project delivery timelines by **15%**.
- Built and deployed React applications from Figma designs with **WCAG**-compliant accessibility, cross-browser compatibility, and responsive user experiences.

PROJECTS

Kingdom Discipleship App

Tech: React, TypeScript, Node.js, AWS Lambda, API Gateway, PostgreSQL

Designed and built a full-stack platform from the ground up, owning the architecture, database, APIs, authentication, and frontend while translating real user needs into production-ready features.

VenueIQ

Tech: Next.js, React, TypeScript, FastAPI, Python, LangChain, Chroma, OpenAI, Tailwind CSS

Built an AI-powered venue intelligence platform using Next.js, FastAPI, LangChain, Chroma, and OpenAI to ingest venue documents and provide source-backed answers through a conversational search experience.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL, Groovy

Frontend: React, Next.js, Vite, Tailwind CSS, shadcn/ui

Backend: Node.js, REST APIs, GraphQL, FastAPI

Cloud & Databases: AWS, Lambda, API Gateway, S3, CloudFront, Cognito, SQL Server, PostgreSQL, MySQL

AI & Tools: OpenAI, LangChain, RAG, Chroma, Docker, Linux, Git, GitHub, Cursor

EDUCATION

University of North Carolina at Charlotte | Bachelor of Science in Computer Science | May 2022 | GPA: 3.6 / 4.0