

Riley Mahoney

Fort Lauderdale, FL 33312
(954) 540-2321

rileyRmahoney@gmail.com

Full Stack Developer with strong problem-solving skills, a broad toolkit across frontend and backend technologies, and a proven ability to deliver high-quality code under tight deadlines. Collaborative and analytical, with strong communication skills and a leadership mindset—driving clarity, elevating team performance, and guiding projects toward successful outcomes.

SKILLS

- **TypeScript, Node.js, NestJS**
- **React, Next.js**
- **Java, Kotlin, Spring Boot**
- **AWS, Google Cloud Platform**
- **PostgreSQL, DynamoDB, MongoDB, BigQuery**
- **Kubernetes, Docker**
- **AI-Enhanced Development Workflows using Cursor and Claude Code**
- **Software Architecture & System Design**
- **Security Best Practices & Implementation**
- **API Design & Integration**
- **Client Communication & Cross-Functional Collaboration**

Work history

Senior Full Stack Developer

Stealth Startup, Remote

August 2025 - Current

- Architected a graph-driven configuration service using **Neo4j**, enabling dynamic system configuration and faster cross-service orchestration.
- Pioneered the use of frontier AI coding agents, significantly accelerating development workflows and improving engineering productivity.
- Built AI-powered integration workflows to automate critical business processes, reducing manual effort and increasing operational efficiency.

Full Stack Engineer

Valuetainment, Fort Lauderdale

September 2024 - August 2025

- Led end-to-end design and implementation of a distributed, event-driven **payment platform** using domain-driven microservices in **Node.js/TypeScript**; built wallet and transaction workflows with auditable ledgering via **AWS EventBridge** and **SQS**.

- Led backend development and responsive web interface for Minnect, a cross-platform app serving 10,000+ users; implemented authentication, scheduling workflows, and event ticketing with **NestJS**, **PostgreSQL**, and **Next.js**.
- Implemented real-time communication for a chat service using **AWS API Gateway** and **WebSockets**, enabling scalable bidirectional messaging.
- Integrated **AI-assisted development workflows** with **Cursor** to accelerate code generation, documentation, and debugging across services.
- Created structured PRDs and contextual prompts to optimize LLM performance within codebases and IDE environments.
- Engineered a high-traffic news aggregator using **Next.js** and **NestJS**, delivering a seamless and performant user experience.
- Deployed and managed containerized applications on **AWS EKS** and **ECS**, ensuring high availability and scalability for production workloads.
- Developed and optimized a robust news data pipeline using **AWS Step Functions**, orchestrating ETL workflows and integrating third-party APIs for real-time ingestion.

Senior Software Engineer Software Engineer II // Software Engineer

The Home Depot, Atlanta, GA

July 2019 - September 2024

- Built high-quality, scalable web services using **Java** and **Kotlin**
- Led technical presentations and mentored junior engineers, introducing new technologies, best practices, and professional development guidance
- Built CI/CD pipelines using **GitHub Actions** to optimize testing and deployment processes
- Collaborated with product managers to plan iterations and break down large initiatives into user stories using **Agile methodology**
- Developed a **React/Redux** and **NodeJS** application enabling inventory analysts to manage daily ordering
- Built a custom dashboard to monitor the health of an ordering optimization system using a **ReactJS** frontend and **Kotlin** backend
- Migrated legacy applications from on-prem servers to cloud servers

Education

Bachelor of Science in Industrial Engineering May 2019

University of Florida at Gainesville, FL

- Cum Laude
- Focus in Computer Science