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# Reiley Meeks

AI Engineer | Software Engineer

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Charlotte, NC | [rmEEKS10@icloud.com](mailto:rmEEKS10@icloud.com) | 704-797-1001

LinkedIn: [Reiley-Meeks](#) | GitHub: [ReileyMeeks](#) | Portfolio: [ReileyMeeks.com](#)

## TECHNICAL SKILLS

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**Languages:** Swift, Python, TypeScript, JavaScript, Java

**Frameworks:** Vapor, SwiftUI, React, React Native, Next.js, Node.js, Flask, Django

**Cloud & DevOps:** Azure, Google Cloud, AWS, Docker, Firebase, MongoDB, PostgreSQL  
GitHub Actions (CI/CD)

**Architecture & Services:** RESTful APIs, Microservices, Containerization

**Practices:** Agile methodologies, Unit Testing, Debugging, Object-Oriented Programming (OOP), Git

## EDUCATION

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**Masters of Artificial Intelligence | 2026**

*University of Texas at Austin*

**Bachelor of Science in Computer Science**

*University of North Carolina at Charlotte*

## EMPLOYMENT HISTORY

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**Full Stack Developer | May 2025**

*Avante Health Solutions | Charlotte, NC*

- Developed full-stack features and product enhancements, utilizing JavaScript, Swift, and React to meet evolving business requirements and enhance user experience.
- Led the research and development of local Large Language Model (LLM) deployments for use within the company.
- Implemented RAG based LLM's increasing service technicians productivity and delivering new insights to customers.
- Maintained and optimized application performance through proactive debugging and timely issue resolution, ensuring minimal downtime.
- Managed PostgreSQL databases on Debian servers, performing data migrations, and schema updates to maintain reliability and improve application efficiency.

## **Founding Software Engineer | April 2025**

*Amiqo | Atlanta, GA*

- Built and enhanced Amiqo's mobile application using React Native, ensuring seamless cross-platform performance and intuitive user experiences.
- Led ongoing application refinement, developing scalable solutions, enhancing existing features, and proactively addressing performance bottlenecks and bugs.
- Collaborated directly with product and design teams to rapidly prototype, test, and deploy new app features, significantly accelerating product iteration cycles.

## **Co-Founder & Chief Technology Officer | March 2025**

*Homelore | Charlotte, NC*

- Led the definition and implementation of the full technical stack to ensure scalability, maintainability, and seamless integration across services.
- Spearheaded the design and implementation of the Next.js web app, and Swift Vapor backend deployed in a scalable container.
- Architected and built authentication solutions using Firebase integrated with MongoDB, ensuring robust security and efficient user management.
- Strategically guided the product vision, ensuring technology alignment with business objectives, and enabling data-driven insights for predictive home maintenance analytics.

## **Software Engineer | January 2024 — March 2025**

*Trane Technologies | Davidson, NC*

- Built and deployed a full-stack applications with Next.js, MongoDB, and serverless functions delivering reliable web apps clients.
- Led the design, implementation, and engineering of modular UIs for LLM applications using Next.js and Azure OpenAI API, enhancing scalability and functionality.
- Automated CI/CD pipelines using GitHub Actions streamline deployment and testing processes, reducing errors and enhancing agile methodology.

## **Freelance Full Stack Developer and iOS Developer | May 2020**

*Self Employed | Charlotte, NC*

- Developed modern, responsive web applications using Next.js and TypeScript, integrating RESTful APIs backend communication.
- Engineered and maintained iOS applications using SwiftUI and SwiftData, ensuring efficient local storage, synchronization, and real-time data communication.
- Designed and built interactive UI components, including image galleries and responsive forms, improving user engagement and enhancing functionality.

**Software Engineer Intern | February 2022 — May 2022**

*Bank of America | Charlotte, NC*

- Managed service tickets for a Hadoop platform, ensuring high availability and reliability of distributed systems.
- Debugged and maintained Java based services, ensuring smooth integration with Hadoop and other frameworks.
- Created comprehensive documentation for backend processes, improving team efficiency and knowledge sharing.

**CERTIFICATIONS**

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**Cloud Data Engineer**

*Google*

**Generative AI**

*Google*

**Technical Support Fundamentals**

*Google*