
Reiley Meeks

Software Engineer | Full Stack Developer

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PROFESSIONAL SUMMARY

Software Engineer with over three years of experience. Expertise in TypeScript, Python, Swift, and Go, specializing in scalable web, cloud, and AI-driven applications. Proficient in Next.js, React.js, Flask, and SwiftUI, with experience building serverless architectures, microservices, and LLM-powered AI solutions. Skilled in CI/CD automation with GitHub Actions, cloud deployments on Azure and Google Cloud, and optimizing system performance. Passionate about developing high-performance, maintainable software that enhances automation, scalability, and user experience.

SKILLS

Languages: TypeScript, JavaScript, Python, Swift, Go, Java, HTML, CSS

Frameworks: GitHub, Git, Node.js, Next.js, React, SwiftUI, Redux, Flask, Django, Continuous Integration/Continuous Deployment (CI/CD), Responsive Web Design

Cloud: Azure, Google Cloud, AWS, MongoDB, Docker

Software Services: RESTful API, Microservices, Serverless Functions, Unit Testing, Object-Oriented Programming (OOP), Debugging

Methodologies: Agile, Waterfall

EMPLOYMENT HISTORY

Software Engineer | January 2024

Trane Technologies | Davidson, NC

- Built and deployed a full-stack final inspection system with Next.js and MongoDB, delivering seamless automation and integration between sales and factories.
- Spearhead development of serverless architecture using Go and Python, integrating OpenAI capabilities while optimizing system performance through MongoDB and cloud services.
- Led the design, implementation, and engineering of modular UIs for Large Language Model (LLM) AI applications using Next.js, enhancing scalability and functionality.
- Managed GitHub repositories, implementing Git version control strategies, branching workflows, pull requests, and release management.
- 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

- Automated deployment pipelines with GitHub CI/CD actions on Vercel and Azure, enabling reliable, scalable, and efficient software delivery.
- 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.

EDUCATION

Masters of Artificial Intelligence — May 2027

University of Texas at Austin

BS, COMPUTER SCIENCE — May 2023

University of North Carolina at Charlotte

Concentration: AI, Robotics, and Gaming

Honors: Cum Laude

CERTIFICATIONS

Cloud Data Engineer

Google

Generative AI

Google

Technical Support Fundamentals

Google