COLIN SMITH

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SUMMARY

Software Engineer with 6+ years of experience specializing in **Full Stack Mobile Development** and **Backend Architecture**. Expert in **C#/.NET Core**, **SQL Server**, and the **iOS Ecosystem** (SwiftUI). Experience with web frameworks **React**, backend languages **Go**, and **Python**. Cross platform mobile frameworks **ReactNative** and **Flutter**. Proven track record of designing efficient data flows via **Clean Architecture** and managing modern cloud infrastructure through tools like **Azure DevOps, Railway** and **GoogleCloud (GCP)**.

TECHNICAL SKILLS

- **Languages:** C#, SQL (T-SQL), Swift, TypeScript, Go.
- **Frameworks:** ASP.NET Core, SwiftUI, React & ReactNative, Firebase, Flutter .
- **Data & Infrastructure:** Stored Procedures, DTO Design, RESTful APIs, Azure DevOps, Git.
- **Architecture:** Clean Architecture, MVVM, SOLID Principles, Swift Concurrency.

PROFESSIONAL EXPERIENCE

Victra | Software Engineer | *Feb 2024 – Dec 2025*

- **Architected and deployed** scalable C#/.NET backend services, utilizing **Azure DevOps** and **Railway** to automate CI/CD pipelines and reduce deployment time by 20%.

- **Developed complex SQL Stored Procedures** and optimized T-SQL queries to handle concurrent business logic, improving database response times.

- **Implemented Clean Architecture** to decouple the database layer from the mobile frontend, reducing network payload and enhancing mobile app performance.

StableKernel | Software Engineer | *2022 – 2024*

- Lead developer for native iOS applications, utilizing **Swift**. Used Codable to manage HTTP Data Contracts with backend

- Collaborated with cross-functional teams to implement **MVVM architecture**, ensuring code maintainability and testability.

Various Projects (Comcast, GEICO, Dick's Sporting Goods) | iOS Developer | *2019 – 2022*

- Developed native iOS UI components and business logic using **Swift**, contributing to high-traffic consumer applications.

TECHNICAL PROJECTS

Pathway-Edu | *React, ReactNative, TypeScript, Go, MongoDB*

- Developed a full-stack educational platform with a **Go** backend and **React** frontend, deployed via **Vercel** and **Azure DevOps**. https://pathway-edu.vercel.app

Rummage | *Flutter, Go, Firebase, MongoDB*

- Built a cross-platform social media application designed to advertise and conduct local garage/ estate sales. Available both on App Store and Google Play.

EDUCATION North Carolina State University | BS in Mechanical Engineering 2012