

## SUMMARY

Full Stack Engineer with **2+ years of experience** architecting and developing enterprise-grade **web, desktop, and mobile applications**. Specialized in the **React ecosystem, cross-platform mobile development**, and **cloud-native** architectures. Proven record of delivering **scalable SaaS and automotive platforms** as the **sole engineer** at Upstream Inspections—covering **everything** from **UI design** to **backend infrastructure, CI/CD**, and **Azure cloud deployment**.

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## TECHNICAL SKILLS

**Frontend:** React 18+, React Native (Expo + Bare), Electron, JavaScript (ES6+), Tailwind CSS, Framer Motion

**Backend / APIs:** Node.js, Azure Functions, Firebase, REST / GraphQL, WebSockets, Serverless Architecture

**Cloud & DB:** Azure Blob Storage, Firebase, MongoDB, SQL Server, Power BI

**Mobile:** React Native (Expo + Bare), .NET MAUI, Offline-first architecture, Biometrics, Device APIs

**DevOps / Tools:** Git, CI/CD, Vercel, Firebase CLI, VS Code, VS, Postman

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## PROFESSIONAL EXPERIENCE

### Upstream Inspections – IT Analyst/Developer & Fullstack Developer [09/2023 – Present]

- Architected multi-platform **automotive inspection & management ecosystem** spanning **4 production systems** (Upstream Inspections Web Portal, Upstream Inspections Mobile App, CarID, Upstream Mobility Portal).
- Engineered **RBAC architecture, offline-first workflows**, and **real-time analytics engines**
- Built **cross-platform mobile apps** with **camera API integration, GPS tracking, biometric auth**, and **background sync** for field inspectors.
- Designed **micro-frontend** React SPAs with **Tailwind CSS, Framer Motion**, and **Azure Blob Storage** pipelines.
- Implemented **predictive analytics** and **compliance reporting systems** driving **new revenue streams**.
- Tech Stack: React 18+, React Native, Node.js, Azure, CI/CD Pipelines

### AI Assistant – Voice-Controlled Automation App

- Architected **React Native** and **Electron-based AI assistant** communicating with a **Node.js/Express** backend to execute **OS commands** and **smart home actions** through **REST APIs, BLE**, and **IoT webhook integrations**.

### Sip Of Silk - Contract Work

- **React + Firebase Functions** platform for a cafe featuring **menu management, auth**, and **real-time analytics**.

### The Butter Chicken Spot – Contract Work

- **React web + React Native** apps with **Express / Firebase** backend for a restaurant with **Clover API** payments.
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## EDUCATION

**B.S. Computer Science – Southern New Hampshire University (2023 – Present)**

**Software Engineering Immersive – General Assembly (2023)**

**B.S. Computer Science - Saint Louis University (2020-2023)**