

Shane K. Curtis

Boston, MA | (203) 745-6866 | contact@shanekcurtis.com | @shanekcurtis (GitHub, LinkedIn)

Skills

Programming Languages: Dart, Swift, Kotlin, Java, JavaScript

Frameworks & Libraries: Flutter, GetX, Drift, SwiftUI, UIKit, Swift Concurrency, BLoC, Freezed, Protobuf, Realm

Databases: PostgreSQL, SQLite, Firebase Firestore

Cloud Platforms: AWS S3, Amplify, AppSync, Cognito, Firebase

Technologies & Methodologies: MVC, MVVM, Git, DataDog, TestFlight, Scrum/Agile, DevOps

IDEs: IntelliJ, Xcode, Visual Studio Code, Android Studio

Relevant Experience

Software Engineer & Systems Administrator

2024 - Present

Invaio

Boston, MA

- Spearheaded the **mobile implementation** of an **offline data-synchronization model**, **optimizing data handling** in low-signal conditions and **improving user experience** across multi-modal workflows.
- **Architect, implement, and maintain** features in a **Flutter-based** data collection **app** used by both **internal** and **external end-users**.
- Leverage **design-minded attention to detail & UI/UX** design principles to assist in the **design process**, prioritizing **user behavior familiarity & consistency**.
- **Manage** the **App Store Connect** account, facilitate **TestFlight** deployment and prepare releases for App Store submission, ensuring compliance with **Apple's Human Interface Guidelines**.
- **Develop, generate unit tests** and perform **QA reviews** to ensure optimization & reliability.

IT Helpdesk Technician & Developer

2023 - 2024

Invaio

Boston, MA

- **Develop and maintain features** for **Flutter-based mobile apps** used for data collection in bio-scientific field trials.
- Engage in the full software development lifecycle, working with an **Agile Software Engineering team**.
- **Fully automate endpoint** deployment for both macOS and Windows machines using **JAMF** and **Intune**.
- Develop various **Powershell & Zsh/Bash scripts** to automate frequent IT operations & workflows.
- Provide efficient and timely **global helpdesk support**, troubleshooting hardware and software issues for end users both on-site and remote.

Software Engineer, iOS

2015 - Present

Self-Employed

Boston, CT

- Achieved **215,000+** downloads on **published** iOS applications.
- Solely **design UX/UI, architect, develop, test** and **deploy** iOS apps onto Apple's App Store.

Technical Specialist (Genius Bar) & Specialist

2022 - 2023

Apple

Farmington, CT

- Became an **expert** in **macOS, iOS, iPadOS, and watchOS** platforms, gaining a deep understanding of the **Apple Ethos** and its influence on delivering **exceptional user experiences**.
- Worked both individually and with a team to collaborate on solving **complex technological issues**.

Education

Bachelor of Science in Computer Science, Honors (ABET Accredited)

2019-2023

Central Connecticut State University

New Britain, CT

Notable Coursework: Software Engineering, Mobile Development, Web Programming, Software Testing & QA, Algorithms

Honors: Dean's List Fall '21, Spring '22 & '23

Involvement

Vice President

2021-2023

The Brazen Blue Devils (CCSU)

New Britain, CT

- **Organized, facilitated, and volunteered** at **campus engagement events** to promote **camaraderie** and **social development**. **Led** a team of **25-30 people** with a goal of providing an **outstanding campus climate**.