Sean Blake   iOS Software Engineer

hi@seanblake.info | 954-470-7095 | Lauderdale Lakes, FL
linkedin.com/in/sean-blake-iosdev/ | github.com/seanB888/ | seanblake.info

Objective

Dedicated iOS software engineer with over 4 years of hands-on experience in Swift and SwiftUI development. Proven expertise in building and optimizing iOS applications, with a strong emphasis on user experience and performance. Eager to contribute to a dynamic team and leverage my skills to develop innovative mobile solutions.

Technical Skills

Languages - Swift, JavaScript, Java, CSS, HTML
Frameworks/Tools – SwiftUI, Combine, UIKit, CoreData, Cocoa Touch, RESTful API, Git

Relevant Experience

5Four Lab, LLC, Founder & iOS Software Engineer

- **Guhso Podcast App** | GitHub Repository   *Mar 2023 – Present*
- **Dedicated companion app to the Guhso podcast.**

  o Converted XML data of podcasts from Anchor.fm and parse the data to use within the app, such as podcast audio, cover art, and information.
  o Utilized AVAudioPlayer and AVKit to control audio volume, playback speed, and audio pitch.
  o Created UI programmatically, utilizing layout constraints to manage views across multiple iPhone sizes.
  o Utilized iOS native technologies and design principles under Apple's Human Interface Guidelines in every app.

- **Blakes Tracker App** | View on Test Flight | GitHub Repository | YouTube   *May 2022*
- **Used for tracking cryptocurrency market and portfolio.**

  o Developed price tracker graphs using the CoinGecko API, Path type, and Combine framework that updates prices and portfolio value every 15 minutes.
  o Utilized CoreData for data persistence on cryptocurrencies of interest and from user's personal portfolio.
  o Decreased likelihood of tracking or purchasing fake cryptocurrencies by 70% through backlinks in the coins' description.
  o Utilized SwiftUI and iOS native technologies and design principles under Apple's Human Interface Guidelines.

- **Swift-iOS-15 App** | GitHub Repository | YouTube   *Mar 2021*
- **A Course Style App.**

  o Advanced SwiftUI components
  o Adherence to MVVM architectural pattern.
  o Efficient error handling using the Result type.
  o Custom animations and UI components
  o Integration with Swift Package Manager

Education

ITT Technical Institute – Lake Mary   August 2010 – May 2013
Computer Software Engineering, A.S.