

Veeral Suthar

vsuthar.vhs@gmail.com ❖ (918) 600-7792 ❖ Tulsa, OK

LINKS

- [LinkedIn](#)
- [Github](#)
- [iOS Portfolio](#)

SKILLS & INTERESTS

- **Skills:** C#, CI/CD, DBA, Git, **Java**, Objective-C, Powershell, Python, SQL Server, **Swift**, Xcode, .NET
- **Interests:** analog photography, iOS development, music, sports statistics, cooking

EXPERIENCE

Omni Air International

Feb 23 - Present

iOS Engineer

Remote

- Design and architecture multiple apps for the Omni Air International company workflow, including a Content Manager app and an aircraft departure report app for the OAI to improve communication and increase efficiency.
- Utilize the UIKit and SwiftUI Frameworks using **Swift** to build out features and custom designed UI components.
- Connected the front-end iOS app with a SQL Server database and created an API layer in C# to communicate with the database.
- Integrated third party libraries to leverage OAuth by way of Okta authentication as well as SQL Server Active Directory Support for authorization purposes, and integration of Egnyte software for secure file sharing.
- Working with various iOS SDKs, including SwiftUI, UIKit, XCTest, PDFKit, AVKit, CoreData, and Combine.

Amotions Inc.

Dec 22 - May 23

iOS Engineer - **Contract**

Remote

- Design the architecture of the Amotions Inc. iOS application to allow for ideal scaling up and easy future support.
- Utilize the UIKit and SwiftUI Frameworks using **Swift** to build out features and UI components.
- Integrate the front-end iOS app with the Firebase back-end for data transmission, user authentication, and notification sharing; also using Mux alongside the Firebase API for seamless video sharing.
- Plan and build out a back end server using **Python** and Amazon Web Services (**AWS**) as the database to shift from Firebase hosted backend services to a more scalable solution.
- Implement UI and UX testing using XCTest for quality assurance across all iOS size classes.

Epic Systems

July 21 - Nov 22

Systems Engineer

Madison, WI

- Oversee reporting infrastructure of three major hospital conglomerates using **SQL Server** and Windows Server Administration tools to maintain 99.9999% availability.
- Develop automation infrastructure using **PowerShell**, **C#**, and Puppet for building scalable systems to support the fastest growing division of Epic Systems with over 100 new hospital systems in 5 years.
- Maintain upwards of 60 windows servers by monitoring and repairing software and communicating across various infrastructure teams to ensure top-level achievement of all infrastructure and security goals.
- Orchestrate daily ETL loads between various OLAP databases by problem-solving various issues with SSIS and custom **SQL** packages to meet our SLA of current reporting data by 5 A.M. local time.

*iOS Engineer - Contract**Remote*

- Developed the Native American Healthy Homes iOS app from scratch as the sole developer for the U.S. HUD.
- Architected the code base using the MVC pattern design to guarantee a scalable solution and allow for easy future support
- Implemented custom animation and transitions utilizing UIKit and **Swift** coding language.
- Extracted JSON data into custom models using the iOS Codable protocol
- Leveraged Azure DevOps to maintain Agile project goals with the project manager and designer to allow for a rich user experience and meet deadlines.
- Managed 3rd party dependencies inside the application using Cocoapods for easier app support.

Oklahoma State App Center**Oct 20 – June 21***Mobile Software Engineer - Internship**Remote*

- Maintained the code bases of existing Android and iOS applications utilizing Android Studio with **Java** and Xcode with **Swift** and **Objective-C** respectively.
- Created documentation to improve workflows, and assist fellow interns in the on boarding and code base familiarization process.
- Assisted in the creation of the Base Metrics iOS research application alongside another developer.
 - Utilized Firebase Authorization and Auth 2.0 to implement authorization.
 - Implemented seamless UI using UIKit and **Swift**.
 - Assisted in testing and quality assurance of BaseMetrics app.

EDUCATION

Oklahoma State University**Class of 2021***Bachelors of Science, Computer Science**Stillwater, OK*

Relevant Coursework: Data Structures, Algorithms I & II, Theoretical Computing, Design & Implementation of Operating Systems, Database Systems, Mobile Application Development, Agile Development

LEADERSHIP & VOLUNTEERING

Code2College**2023**

- *Volunteer Instructor*

Epic Systems**2021-2022**

- *Knowledge Management Workgroup*
- *SQL Server Workgroup*

University of Oklahoma The Big Event**2017 - 2018**

- *Expansion Chair*