San Bernardino, CA -92407   **VAMSI KRISHNA**   +1 (909) 968-1223

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EDUCATION

California State University, San Bernardino   **Expected Graduation May-2025**
- Master's of Science in Computer Science & Engineering with a concentration in Computer Science
- **Course Work -** Design and Analysis of Algorithms, Data Structures, Artificial Intelligence, Machine Learning, Software Engineering Concepts and Operating Systems.

Jawaharlal Nehru Technological University, Anantapur, India   **May-2019**
- **Major -** Bachelor's in Computer Science & Engineering
- **Grade -** CGPA: 7.45/10

EMPLOYMENT

Senior Software Engineer   **In Time Tec, India**   **Aug-2019 - Aug-2023**
- Over 4 years of hands-on experience in iOS development using Objective-C and Swift, demonstrating an unwavering commitment to producing high-quality software solutions.
- Proven proficiency in customer requirement analysis, ensuring that development efforts align closely with client expectations and needs.
- In-depth understanding of the Application Development Life Cycle, including proficient execution of planning, analysis, design, coding, implementation, documentation, and maintenance phases.
- Known for producing well-documented and clean code, contributing to maintainable and robust applications.
- Dedicated to knowledge sharing and professional development, providing guidance and mentorship to junior team members in the IT industry.
- Demonstrated ability to assume end-to-end ownership of projects, consistently delivering results that meet or exceed expectations.
- Skilled at multitasking, capable of contributing effectively to multiple projects simultaneously, displaying adaptability and versatility in a dynamic work environment.

PROJECTS

Kount iOS SDK
- Developed the Kount iOS static library to collect device data and user behavioral information for the detection and prevention of fraudulent activities throughout the user journey.
- Successfully documented integration instructions Kount iOS SDK into customers' iOS applications, enabling data collection and secure transmission to the server.
- Proficiently worked with CoreLocation and App Tracking Transparency frameworks to enhance location-based services and user privacy compliance.
- Demonstrated expertise in software distribution by making the library available as a Static Library, XCFrameworks, Swift Package Manager, and CocoaPods for seamless integration into various development environments.
- Implemented communication channels between native code and hybrid applications developed using React Native and Flutter frameworks, ensuring a smooth and cohesive user experience.
- Created and deployed simple and sample applications in React Native, Flutter, Xamarin, and .NET, showcasing versatility across multiple platforms.
- Collaborated closely with clients to gather project requirements and provided regular work updates, ensuring alignment with project goals.
- Engaged in effective communication with clients and the vendor's development community team to facilitate project understanding and progress tracking.
- Contributed to the project's functionality by creating a wrapper for the Callsign iOS SDK within the Kount iOS SDK.
- Developed Xamarin and .NET binding libraries from the native library using the Objective Sharpie command-line tool, enhancing cross-platform compatibility and accessibility.
- Converted User Behavioral Capabilities Swift Prototype to Objective-C SDK, benefiting 70%-80% of customers.

- Authored over 10 integration documents for the SDK, facilitating seamless integration across various Mobile Application Frameworks.
- Collaborated with the sales team in presentations to over 8 customer development teams, ensuring successful integration of the library with their applications.
- Provided hands-on assistance, resulting in a streamlined integration process and positive feedback from clients.

E-Commerce iOS Applications
- Designed and developed e-commerce applications with the primary objective of testing the Kount iOS SDK in both Objective-C and Swift, validating its functionality and reliability.
- Implemented a comprehensive set of features including Log In, Sign Up, Home/Categories, Product View, Product Details View, Cart View, Profile View, and more, showcasing versatility in creating robust and user-friendly applications.
- Proficiently integrated Push Notification services using Firebase and One Signal SDKs, enhancing user engagement and communication capabilities.
- Successfully managed the integration of Firebase Database and Authentication, ensuring secure data storage and user authentication.
- Utilized the Alamofire framework to streamline network requests and data retrieval, optimizing application performance.
- Demonstrated expertise in data management by implementing solutions for offline data storage, enhancing user experience and accessibility.
- Possess extensive knowledge of the end-to-end mobile app development process, from the initial code inception to App Store publication, ensuring high-quality, market-ready applications.
- Prioritized maintaining application quality and responsiveness to meet user expectations and industry standards.
- Excelled in translating business requirements into technical specifications, facilitating efficient development and enabling a rapid, iterative development process.

macOS Notarisation for Pharos Print Activity Agent
- Developed Pharos Print Activity Agent, a macOS project focused on monitoring and tracking printing machine activities, contributing to enhanced workflow efficiency and resource management.
- Demonstrated expertise by successfully notarizing the Pharos Print Activity Agent, ensuring its compliance with Apple's security requirements and enabling secure distribution to customers outside the App Store.

SKILLS

Software:(proficient)**:** iOS Development, Objective-C, Swift. (familiar):Java, Python, JavaScript, Dart, R, C#
Frameworks: UIKit, CoreLocation, CoreData, UserNotifications, CFNetwork, App Tracking Transparency, RecatNative, Flutter, Xamarin, .NET, AWS Mobile Services.
Software Tools: Xcode, Instruments, Visual Studio, Visual Studio Code, Git, Postman, Browserstack, Jira,

Professional Achievements

Recognized as the sole recipient of the Most Valuable Player award within the team.
Demonstrated exceptional skills, leadership, and contributions, resulting in a significant positive impact on team performance and outcomes.