

SACHIN KUMAR

+91 9501841073 | sachinmehtab@gmail.com | Bengaluru, Karnataka, India | LinkedIn | GitHub | LeetCode | sachinserver.in

SUMMARY

iOS Software Engineer with 3 years of experience in iOS SDK, Swift, SwiftUI, UIKit, and mobile app development. Expertise in MacOS/iOS app development, Core Data, Combine, Swift Concurrency, RESTful API integration, and App Store deployment. Skilled in Xcode IDE, Foundation Framework, memory management, Auto Layout, and implementing MVC/MVVM/VIPER architectural patterns. Experienced in building scalable enterprise applications with performance optimization, test-driven development, and delivering maintainable solutions for App Store Connect and TestFlight distribution.

WORK EXPERIENCE

iOS Developer July 2023 – Present	42 Gears Mobility Systems Private Limited Bangalore
<ul style="list-style-type: none">Developed app management jobs (PKG/DMG installation, upgrade, uninstall) leveraging command-line tools, shell scripting, XPC communication, and process daemonization, ensuring seamless app lifecycle management across 10,000+ enterprise macOS devices.Implemented a robust Download Manager for file transfer jobs, supporting resumable downloads, progress tracking, and efficient scheduling via concurrent/serial worker processes, improving large file delivery reliability by 2x.Engineered geofencing features using Core Location framework with reverse geocoding and location-based job execution, preventing 200+ policy violations monthly, reducing security incidents by 40%, and ensuring 100% data compliance in restricted zones.Utilized Core Data for persistent storage and management of large-scale device information, ensuring data integrity and 40% improved query performance through optimized data models.Built device monitoring modules for uptime tracking, hardware change detection, user management, and remote device actions (reboot/shutdown), achieving 99.5% uptime monitoring and enhancing IT admin visibility and control.Contributed to architectural migration from MVVM to VIPER, reducing critical bugs by 70%, decreasing code coupling by 60%, and improving test coverage from 40% while enhancing code modularity and long-term maintainability.Created analytics pipelines for device events and app usage using Foundation Framework with efficient Core Data operations to save entries, improving device health tracking by 85% and enhancing IT decision-making by 40% through actionable insights.Reduced app crashes by 90% by introducing proper thread-safety mechanisms and optimizing concurrency handling.Worked on process daemonization, agent launching, menu bar apps, and app packaging (PKG, DMG) to streamline deployment and improve reliability by 60% in enterprise environments. Helped in automation of package making process using GitLab CI/CD.Implemented Just-In-Time (JIT) Access for on-demand elevated privileges, automating 95% of admin access workflows, reducing IT team workload by 60%, and improving user productivity by 40% while maintaining secure privilege escalation and enterprise policy compliance.Resolved critical issues in network extensions, QR enrollment, log encryption, APNs integration, WKWebView, and job-handling architecture, significantly reducing production defects by 85%.Engineered an internal debugger & QA utility adopted by 20+ engineers, featuring real-time log parsing, job status tracking, and payload inspection. Enabled direct Core Data/UserDefaults manipulation and secure data decryption, slashing debugging cycles by 40% and accelerating feature verification.	

INTERNSHIP

iOS Developer Intern February 2023 – June 2023	42 Gears Mobility Systems Private Limited Bangalore
<ul style="list-style-type: none">Learned Swift, UIKit, SwiftUI, and applied asynchronous programming techniques to optimize application performance.Gained expertise in PKG/DMG creation, signing, notarization, and worked with Core Data, UserDefaults, and Keychain for secure storage and data management.Developed skills in macOS scripting, Agile workflows with Jira, and maintained code quality using SonarQube.	

PROJECTS

SureMDM Agent for macOS – Enterprise Device Management Platform	Professional Project
<ul style="list-style-type: none">• Details: Enterprise macOS device management agent with app lifecycle management, security policies, and remote administration• Product Link: https://www.42gears.com/products/mobile-device-management/suremdm-agent-for-macos-past-releases/	
NotingDown – Built with SwiftUI, Core Data, CloudKit	Personal Project
<ul style="list-style-type: none">• Details: SwiftUI and Core Data note-taking app• App Store Link: https://apps.apple.com/us/app/notingdown/id123456789• GitHub Link: https://github.com/sachin6174/NotingDown	
Guitar Utility – Built with SwiftUI, AVFoundation	Personal Project
<ul style="list-style-type: none">• Details: SwiftUI app for guitar tuning and metronome using AVFoundation framework with custom audio algorithms and Core Audio, achieving 90% tuning accuracy• App Store Link: https://apps.apple.com/us/app/guitar-utility/id6751228342• GitHub Link: https://github.com/sachin6174/Guitar-Utility	
Secure Text – Built with JavaScript, Chrome APIs	Personal Project
<ul style="list-style-type: none">• Details: Chrome extension for text encryption/decryption with Base64/Base32 encoding and secure storage• Extension Store Link: https://chromewebstore.google.com/detail/secure-text/ankgchfieimijhlcjcongijapefmei• GitHub Link: https://github.com/sachin6174/secure-text-chrome-extension	

TECHNICAL SKILLS

Programming Languages: Swift, Objective-C, JavaScript, C++

iOS Development: iOS SDK, UIKit, SwiftUI, Combine, Swift Concurrency, Core Data, Core Location, Foundation Framework

Development Tools: Xcode, Instruments, SPM, CocoaPods, GitLab CI/CD, TestFlight, App Store Connect, Git, JIRA, SonarQube

Architecture Patterns: MVC, MVVM, VIPER, Clean Architecture, Protocol-oriented Programming, Dependency Injection

Testing & Quality: XCTest, XCUITest, Unit Testing, UI Testing, Test-driven Development, Debugging

Data & Networking: RESTful APIs, Firebase, JSON, Core Data, SQLite, URLSession, Push Notifications

Development Practices: Agile Development, Memory Management, Auto Layout, Performance Optimization, Code Review, SonarQube, Peer Review

EDUCATION

Chandigarh Group of Colleges

August 2019 - May 2023

Bachelor of Engineering in Computer Science, CGPA: **7.9**

Landran, Mohali

CERTIFICATIONS

- **System Design:** Coding Ninjas (November 2021 - February 2022) - Completed by learning core concepts including scalability, load balancing, database design, and microservices architecture, securing **90%+** in assessment

- **Data Structures in C++:** Coding Ninjas (January 2022 - April 2022) - Completed by learning core concepts including arrays, linked lists, trees, graphs, and algorithms, securing **95%+** in assessment

ACHIEVEMENTS

- **Google Cloud Agentic AI Hackathon 2025:** Selected among top 700 teams from 57,000+ developers. Built an AI-powered platform providing farmers expert advice using Next.js, Firebase, Python, and Kotlin.

INTERESTS

- Exploring AI tools, Reading Literature, Drawing, Listening to Music