

Sachin Kumar

Bangalore, India

✉ sachinmehtab@gmail.com

☎ +91 9501841073

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PROFESSIONAL EXPERIENCE

Mac/iOS Developer

42 Gears Mobility Systems Private Limited*

📅 July 2023 - Current 📍 Bangalore

- Developed app management jobs (PKG, DMG installation/upgrade/uninstall) using command-line tools, shell scripting, XPC communication, and daemonization.
- Implemented Downloading Manager (For File Transfer Job) with resumable downloads, progress tracking, concurrent and serial downloads with worker processes.
- Implemented Geofencing with reverse geocoding, and location-based job execution.
- Built device monitoring (uptime, hardware changes), user management, and remote device actions (reboot, shutdown).
- Implemented Core Data for persistent data storage and management.
- Contributed in code migration from MVVM to VIPER.
- Created analytics collection for device events and app usage with structured data transmission.
- Resolved issues in network extensions, QR enrollment, log encryption, WebView, APNs, and job handling architecture.
- Worked on process daemonization, agent launching, menu bar apps, and packaging (DMG, PKG).
- Implemented Just In Time (JIT) Access for elevated privileges on demand.

Mac/iOS Developer Intern

42 Gears Mobility Systems Private Limited*

📅 February 2023 - June 2023 📍 Bangalore

- Learned Swift, UIKit, SwiftUI, and asynchronous programming for optimized performance.
- Gained expertise in PKG/DMG creation, signing, notarization, Core Data, UserDefaults, and Keychain.
- Developed skills in macOS scripting, Jira issue tracking, and SonarQube code quality.

PROJECTS

SureMDM Agent for macOS*

- Enterprise macOS device management agent with app lifecycle management, security policies, and remote administration

NotingDown*

- SwiftUI and Core Data note-taking app on Apple App Store*

Secure Text*

- Chrome extension* for text encryption/decryption with Base64/Base32 encoding

Guitar Utility*

- SwiftUI app for guitar tuning and metronome beats (App Store review process)

SUMMARY

Mac/iOS Developer with 2.7 years experience in SureMDM agent development for macOS device management. Skilled in Swift, SwiftUI, Core Data, command line tools and macOS application development.

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.

SKILLS

Swift	Objective-C
UIKit	SwiftUI
Xcode	CoreData
Debugging	MVC/MVVM/VIPER
Swift Concurrency	XCTest
XCTest	React
Node	SQL
MongoDB	Git/GitHub/GitLab/JIRA
Data Structures	Algorithms
AI - Copilot	ClaudeCode, ChatGPT

CONTACT

- Website: sachinserver.in*
- Phone: +91 9501841073
- Email: sachinmehtab@gmail.com

PROFILES

- LeetCode: sachinkumar6174*
- Portfolio: sachinserver.in*

EDUCATION

B.Tech - Computer Science (2019-2023)

Chandigarh Group of Colleges

📊 CGPA: 7.9

HOBBIES

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