

Nishant Tyagi

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Professional Summary

iOS Developer with 3+ years of experience building scalable and high-performance mobile applications using Swift, SwiftUI, and UIKit. Experienced in payment integrations, dynamic forms, and API-driven architectures. Strong interest in AI-powered mobile applications and machine learning integration. Proficient in prompt engineering and leveraging AI-powered developer tools to accelerate development, improve code quality, and automate workflows.

Professional Experience

Product Engineer – iOS

Smart Energy Water, Noida (June 2023 – Present)

- Developed high-rated utility iOS applications (4.7★+).
- Implemented dynamic forms and payment integrations (Braintree).
- Built scalable UI using UIKit & SwiftUI.
- Integrated REST APIs and multilingual support.
- Improved performance and app stability.

Projects

City Utilities of Springfield

- Developed login, payments, and analytics modules.

Winter Haven (WH2O)

- Built customer service and account management features.

Other: Tas Gas, OCWUT, DelSur, NPPD

Technical Skills

Swift, SwiftUI, UIKit, iOS SDK, Firebase, Braintree, REST APIs, Git, JIRA, Xcode

AI & Automation Experience

- Used prompt engineering techniques to generate optimized code and debug issues efficiently
- Leveraged AI tools to speed up development lifecycle and reduce manual effort
- Explored LLM-based features for mobile applications (chat, recommendations, automation)

AI / Machine Learning

Core ML, ML model integration, AI-driven UI concepts, prompt engineering, LLM integration basics, AI-powered development tools (e.g., GitHub Copilot, ChatGPT)

Education

B.Tech (IT) – RDEC Ghaziabad

Awards

Pat on the Back Award – Smart Energy Water (2023–2024)