






Swapnil Dhiman

 Bengaluru, 560102

 8824348105

 swapnildhiman1999@gmail.com

 linkedin.com/in/swapnil-dhiman-6033 6 5159/

 https://github.com/swapnildhiman19

Summary

Senior iOS Software Engineer with 3+ years of experience building mobile platforms at Walmart, impacting 10M+ users. Expert in Swift, iOS SDK, MVVM, GraphQL into core app flows. Recognized for deploying scalable frameworks, automating analytics, improving feature rollout speed by 35%, and sustaining zero critical incidents for over half a year. Awarded for technical leadership and mentoring, and for proposing advanced AI/LLM powered features for existing production features. Continuously upskill in LLMs, agentic AI, and automation to deliver next generation mobile and data-driven user experiences.

Skills, Languages And Tools

- UIKitSwift UI
- MVVM + Coordinator Architecture
- REST/GraphQL API Integration
- Team Leadership & Mentorship
- Cross-team CollaborationSwift
- PythonC++XcodeFirebase
- Jupyter LabsHuggingFace
- Vertex AICursor

Education

Indian Institute of Technology (IIT-BHU), Varanasi
Integrated Dual Degree (BTech + MTech), Mathematics & Computing, CGPA: 8.45/10
*Varanasi, UP*2022

Experience

Walmart Global Tech
Senior iOS Software Engineer (SDE III)
*Bangalore*Jul 2024 - Present

- Implemented Native Post Purchase flow (Canada, Mexico), launching modules that processed 1M+ transactions/month and reduced average return cycle by 25%.
- Led ideation and launch of OMNI ID for global markets, increasing order verification efficiency by 40% and streamlining pick-up and delivery workflows; earned Bravo Award and Customer Champion badge.
- Built and iteratively shipped Free Trial, Reactivation, and membership user flows for Delivery Pass across Mexico and Canada, driving 25% increase in subscriptions within 6 months.
- Deployed Tempo CMS plugins to support 10+ marketers and business teams, enabling no-code content updates and reducing release time by 45%.
- Maintained code coverage above 90%, mentored 4+ engineers, and helped maintain zero critical bug rate for 7+ months.

Walmart Global Tech
iOS Software Engineer (SDE II)
*Bangalore*Jul 2022 - Jul 2024

- Built mobile verification flows, incorporated analytics dashboards for continuous monitoring, adopted by 5+ teams.
- Led refactoring to MVVM, reducing bug rates by 30%.
- Implemented web-native Account Deletion configuration from scratch in Glass-iOS; authored implementation guides adopted by cross-functional teams, enabling market compliance.

Indian Institute of Technology (IIT-BHU), Varanasi
Master's Thesis
*Varanasi*Jan 2021 - Mar 2022

- Designed, trained, and evaluated novel machine learning and hybrid evolutionary models (CNN+LSTM) for speech emotion recognition (SER) on public datasets (RAVDESS, TESS).
- Achieved significant accuracy gains (CNN+LSTM: 87%), pioneered advanced feature extraction (MFCC, ZCR, RMS) using Python (Librosa, TensorFlow).
- Identified real-world applications in emotional chatbots, voice analytics, and customer support; highlighted future scope in real-time SER systems.

Samsung R&D Institute India – Delhi (SRI-D)
Software Development Intern
*New Delhi*Jun 2021 - Jul 2021

- Dataset: ModelNet10 provided by Princeton University where each input is in .off format and is categorised into 10 different classes.
- Working: Created a deep neural network model using modified CNN(convolutional neural network) consisting of TNET layers, Convolutional layers, Batch Normalization layers and Dense Layers for classification of LIDAR(Light Image Detection And Ranging, 3DPoint Cloud Data)
- Obtained accuracy of 90.88% on testing data in 45 epochs.

Awards

- Walmart Bravo Award, Customer Champion, Self Care Champion badges

