

# SRIJAN MISHRA

## Aspiring iOS Developer & AI Specialist

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## SUMMARY

**B.Tech Artificial Intelligence student at SRM Institute of Science and Technology** with hands-on experience in **iOS app development**, **machine learning**, and **AI-based solutions**. Successfully completed an internship at **Infosys Ltd.**, where I contributed to an **Agile-based hospital management system**, improving user engagement and operational efficiency. Skilled in **SwiftUI, Python, Firebase, and AI frameworks**, with a strong focus on solving real-world problems through innovative, scalable technologies. Passionate about leveraging AI to drive impactful, user-centric applications.

## EXPERIENCE

### iOS App Development Intern

#### Infosys Ltd

📅 04/2024 - 05/2024    📍 Mysore, India

A multinational corporation that provides IT services and consulting

- Engineered an AI-powered symptom checker in Healix app, accelerating triage by 50% and boosting user engagement by 40%
- Deployed Firebase for real-time patient booking and vital tracking, trimming average onboarding time from 8 to 2 minutes
- Orchestrated Agile processes in a team of 8, improving sprint velocity by 20% through structured planning and retrospectives

### Machine Learning Intern

#### UnBoxing Community

📅 10/2024 - 11/2024    📍 remote

Engineering community-led marketplace for electric and electronic products

- Created datasets for various vacuum cleaners using web scraping across multiple 32 websites.
- Developed a small bot for automated scraping, contributing to a key product in their app.

### Founder and Developer

#### ReShuffle

📅 2023 - Present    📍 Chennai, India

An app designed to assist users in digital networking

- Architected 'ReShuffle' app using SwiftUI and MapKit, supporting 500+ users in digital networking testflight.
- Increased connection efficiency by 45% through location-aware recommendations and smart suggestions
- Streamlined data management with Firebase backend, improving load time performance by 20%

## EDUCATION

### B.Tech

#### SRM Institute of Science and Technology

📅 08/2021 - 05/2025    📍 Chennai

GPA

9.0 / 10

## SKILLS

iOS Development, Machine Learning, Deep Learning, Computer Vision, NLP, Blockchain, Web Development, Data Science, Cloud Computing, Python, Swift, SwiftUI, SQL, JavaScript, C/C++, PHP, HTML5, CSS3, R, MATLAB, Django, Flask, Firebase, TensorFlow, PyTorch, OpenCV, React, Node.js, Bootstrap, Pandas, NumPy, Scikit-learn

## PROJECTS

### IoT + Blockchain in Pharma Supply Chain

📅 01/2023 - 12/2023    📍 India

A project that integrates IoT and blockchain technologies to enhance the pharmaceutical supply chain

- Spearheaded integration of IoT and blockchain for pharmaceutical logistics, raising traceability by 85%
- Automated verification with Ethereum smart contracts, reducing human errors by 70%
- Designed dashboards for stakeholder monitoring, cutting incident response time by 60%

### UPI Fraud Detection System

📅 01/2024 - 12/2024    📍 India

A project to detect fraudulent transactions using machine learning techniques

- Developed a CNN-based system analyzing 5,000+ transactions, improving fraud detection precision by 25%
- Optimized classification thresholds to minimize false alerts by 7%
- Enabled real-time fraud visualization interface, enhancing analyst review speed by 30%

### Deep Fake Detection System

📅 01/2024 - 12/2024    📍 India

A system aimed at identifying deep fakes in video content

- Built a CNN-based classifier detecting manipulated videos with 92% accuracy using FaceForensics++
- Leveraged OpenCV and DLib for frame-level video analysis, identifying facial anomalies in manipulated media.
- Integrated Grad-CAM to produce heatmaps and enhance interpretability of predictions