

Rishita Kumari

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Summary

B.Tech Computer Science (AI & ML) student specializing in iOS app development, frontend-web development, and UI/UX design. Proficient in Swift, JavaScript, and modern frameworks, with strong expertise in building responsive, user-focused applications. Experienced in AI-driven solutions, CoreML integration, and cloud-based data management. Adept at translating real-world problems into functional, scalable, and efficient software products.

Education

Bachelor of Technology – Computer Science (AI & ML)
Galgotias University, Greater Noida, India | Oct 2021 – June 2025
CGPA: 8.41 / 10

Skills

- **Programming Languages:** Java, Python, Swift, C
- **Web Development:** HTML, CSS, JavaScript
- **Databases:** SQL (MySQL), MongoDB, Firebase (Firestore & Realtime DB)
- **AI & Machine Learning:** CoreML, TensorFlow, PyTorch, Computer Vision (OpenCV), NLP, Scikit learn, Data Analytics (Pandas, NumPy, Matplotlib)
- **Tools & Platforms:** Xcode, VS Code, Git/GitHub, Jira, Canva, Figma, PencilKit
- **Soft Skills:** Problem-Solving, Critical Thinking, Communication, Time Management & Teamwork, Adaptability & Flexibility, Attention to Detail

Experience

iOS App Developer Intern - Infosys Pvt. Ltd. | June 2024 – July 2024

Developed Hospital Management Applications:

- **Admin iPad App:** Manage hospitals, doctors, patients.
- **Doctor iPad App:** Handle appointments, upload prescriptions using PencilKit.
- **Patient iPhone App:** Book appointments, manage medical records.

Integrated Firebase for real-time data sync and authentication and Collaborated in Agile sprints, ensuring on-time feature delivery.

Projects

AlzyCare – Alzheimer's Caregiver Support App (iOS)

- Developed iOS app with **SAGE cognitive assessment**, daily task recommendations, and reminiscence therapy.
- Implemented **CoreML model** achieving **92% accuracy** in early detection.
- Tools: UIKit, CoreML, Firebase, Core Data.

Fingerprint Recognition System (AI/ML)

- Built biometric authentication using **Python & OpenCV (SIFT algorithm)** with MySQL integration.
- Achieved **>95% matching accuracy** for altered vs. original fingerprints.
- Tools: Python, OpenCV, scikit-learn, MySQL.

SafeBite – Food Allergy Detection App

- Created an **AI-powered food safety app** using OCR to detect allergens from food labels.
- Achieved **95% detection accuracy** using real-world product datasets.
- Promoted preventive healthcare through personalized allergy detection.

Certifications

- **Android Developer Certificate** – June 2024
- **AWS Certified AI & ML Specialty** – Nov 2023
- **AWS Data Analytics Certificate** – July 2023

Achievement

- Applied Agile and Scrum methodologies during a 1-month internship in a 10-member team, resulting in a 30% improvement in task delivery efficiency.
- Achieved **92% model accuracy** in Alzheimer's detection project, showcasing strong ML expertise.