Maryam Fazal

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Professional Summary

Frond Developer skilled in machine learning, computer vision, mobile app development, and UI/UX prototyping. Experienced in training deep learning models (ResNet, MobileNetV2, YOLO) and deploying apps with React Native and Firebase. Proficient in JazzCash integration, cloud storage, real-time databases, and Figma prototyping. Strong research background in face analysis and personalized style systems, with a passion for building human-centered, scalable solutions across healthcare, e-commerce, and sustainable fashion.

The boilerplate content was inspired by Gayle McDowell.

GitHub: maryamgill134

Figma Prototypes:

- Sallon app
- Pharmacy App Prototype
- Landlord Side Prototype
- Admin side Prototype
- Renter Prototype

Honors & Achievements

- Achieved 853 marks in Intermediate, securing a strong academic foundation for higher studies.
- Maintained a CGPA of 3.11/4.00, ranking among the strong performers in the Software Engineering department.
- Led the Final Year Project – "StayEase", an AI-powered rental management app integrating Stripe payments, Firebase backend, and user-friendly interfaces.
- Trained and deployed advanced AI models (ResNet, MobileNetV2, YOLO) for face analysis, skin type classification, and object detection.

Education

GIFT University, Gujranwala   Jan 2022 – Aug 2025
BS in Software Engineering

- CGPA: 3.11/4.00
- **Coursework:** Machine Learning, Computer Vision, Software Engineering, Database Systems

Gift College, Gujranwala   2019 – 2021
Intermediate in Pre-Engineering, BISE Gujranwala

- Marks: 853 / 1100 (Grade: A)

Experience

AI & Frond Developer (Academic Projects)

- Designed and developed end-to-end AI solutions using **ResNet, MobileNetV2, YOLO** for face analysis, skin type classification, and object detection.
- Built mobile applications with **React Native** and **Firebase**, integrating authentication, cloud storage, and real-time database functionality.
- Implemented secure online payment systems with **Stripe** and **JazzCash**, supporting e-commerce and rental management use cases.
- Created interactive **UI/UX prototypes in Figma** to deliver user-friendly app designs.

- Led the development of **StayEase**, an AI-powered rental management app that streamlines property booking and digital payments.

Projects

StayEase – AI-Powered Rental Management App (Final Year Project)   *Sept 2024 – Aug 2025*
- Developed a role-based rental platform with Admin, Landlord, and Tenant modules.
- Implemented property listing & verification (AI-based irrelevant image detection, admin approval).
- Enabled chat support, digital agreements, and Police Character Certificate (PCC) verification for secure rentals.
- Built smart recommendations using LightGBM Ranker (behavior-based ranking) and BERT sentiment analysis.
- Integrated Stripe payments, advance booking, and transparent transaction records.

Groomify – AI Beauty & Grooming Assistant   *June 2025 – June 2025*
- Built a computer vision system to analyze face shape, gender, hair type, and skin type using ResNet and MobileNetV2. recommendations based on predictions.

Skills & Tools

Programming & Scripting: Python, Java, JavaScript, C++,C, HTML, CSS

Frameworks & Libraries: React Native, Node.js, Express.js, TensorFlow, PyTorch

AI/ML Expertise: Machine Learning, Computer Vision, Deep Learning (ResNet, MobileNetV2), Object Detection, NLP (BERT, LightGBM)

Software Engineering: Software Testing, API Integration, Technical Documentation, Team Collaboration

Computer Science Expertise: Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Operating Systems, Software Engineering

Design & Prototyping: Figma (Interactive prototypes), Balsamiq (Wireframe)

Tools & Platforms: Git, GitHub, Google Colab, VS Code, Unity Engine ,Microsoft Office (Word, Excel, PowerPoint).