

# Samia Hasan

## Computer Science & Engineering Graduate

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

### EDUCATION:

#### QATAR UNIVERSITY, QATAR

B.Sc. in Computer Science & Engineering

Graduated: May 2026

### SKILLS:

#### Languages

- Python, Dart, Java, JavaScript, SQL, C++

#### Mobile & Web

- Flutter, React Native, HTML, CSS,  
Frontend Development

#### Backend & Database

- REST APIs, Supabase, Hive, SQLite, DAO  
Pattern

#### Tools & Other

- Git, GitHub, Figma, UI/UX Design,  
Machine Learning, AI Integration,  
Computer Vision

### LANGUAGE:

- English
- Hindi
- Bangla

### EXPERIENCE:

#### FRONT-END DEVELOPER INTERN

JUNE 2025 - JAN 2026

Be My Sense, Qatar

- Developed responsive mobile application screens using React Native and TypeScript.
- Translated Figma designs into production-ready UI components.
- Integrated REST APIs and backend services for cross-platform functionality.

### SUMMARY:

Computer Science & Engineering graduate from Qatar University with experience developing cross-platform mobile applications using Flutter and React Native. Skilled in REST API integration, database management, responsive UI design, and AI-powered application development. Seeking remote software engineering and mobile development opportunities.

### PROJECTS:

#### BASAIR

##### Flutter, Firebase, AI Integration

- Developed a cross-platform Quran assistance application using Flutter and Firebase.
- Implemented AI-powered translation, travel explanations, and trip planning features.
- Integrated cloud-based data storage and authentication using Firebase.
- Designed responsive user interfaces to support multiple device sizes.

#### QPLATE VISION

##### Python, OpenCV

- Developed a license plate detection system using Python, OpenCV, and YOLOv5.
- Applied image preprocessing techniques to improve plate detection accuracy.
- Implemented object detection pipeline for automatic vehicle license plate recognition.
- Processed and analyzed image data for real-time detection workflows.

#### FITNESS TRACKER APP

##### Flutter, Hive, AI Integration

- Developed a cross-platform fitness tracking application using Flutter and Hive local database.
- Implemented workout management, progress tracking, and analytics dashboard features.
- Integrated AI-generated workout recommendations based on user fitness goals.
- Designed intuitive UI with dark and light mode support.

#### YOURDAY - TASK MANAGEMENT APP

##### Flutter, DAO

- Built a task management application using Flutter and Dao local database.
- Implemented CRUD operations for task creation, updates, and deletion.
- Applied DAO architecture pattern to improve data organization and maintainability.
- Developed responsive and user-friendly interfaces for daily task management.

#### FREELANCE SOFTWARE DEVELOPER & TUTOR

2023-PRESENT

- Developed web, software, and mobile application projects with frontend/backend integration.
- Assisted students with programming, Flutter development, and software projects.
- Built responsive interfaces with database and backend functionality.