



# Mohd Raza Khan

Greater Noida, Uttar Pradesh

Software Engineer | Full-Stack Developer | IoT & Mobile Solutions

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## PROFILE SUMMARY

Final-year Computer Science student with proven experience in full-stack development, IoT solutions, and mobile app engineering. Skilled in Java, Python, Flutter and React.js, with expertise in Data Structures & Algorithms, REST APIs, and Cloud platforms (AWS, Firebase). Successfully applied for two patents (IoT-based fuel monitoring & multi-platform delivery management). Passionate about building scalable, innovative, and high-performance software systems.

## EDUCATION

**Sharda University** | Greater Noida, Uttar Pradesh, India,

Bachelor of Technology in Computer Science,

2022 – 2026 (Expected)

CGPA: 8.34 (Pursuing)/10.0

**Sant. Keenaram Senior Secondary Public School** | CBSE Board | Sonbhadra, Uttar Pradesh, India,

High School & Intermediate,

2020 – 2022

First Division

## INTERNSHIP

**IT Intern (Web Development & SEO)**, S.H. Solutions, Bijnor, Uttar Pradesh

March 2024 – June 2024

S.H. Solutions (E-commerce firm.), Hybrid Internship (4 Month) {Certificate for Appreciation}

- Developed and optimized 10+ e-commerce web pages using HTML, CSS, JavaScript, reducing load time by 35% and increasing user engagement by 20%.
- Applied SEO strategies that boosted organic traffic by 20% in 3 months.

**UI/UX Designer**, **Kiva Learning** | Sector 64, Noida, Uttar Pradesh

May 2025 – July 2025

Educational institution in Noida, Uttar Pradesh, Hybrid Job.

- Designed and implemented promotional graphics and UI assets for educational web platforms.
- Collaborated with educators and developers to enhance user experience across digital platforms.

## PROJECTS

**Opti-Rider – Multi-Platform Delivery Management App (Under Development)** { [bit.ly/OptiRider](https://bit.ly/OptiRider) }

March 2025 - Present

Tech Stack: Flutter, Android, Firebase, REST APIs | (IN Patent Application No.: 202511081251)

- Built a Flutter + Firebase app enabling delivery riders to manage multiple platforms (Swiggy, Zomato) from a single interface.
- Automated login and availability toggling across platforms using REST APIs.

**Fuel-Fadality (Smart Fuel Cap) | IoT Device** { [bit.ly/Fuel\\_Fadality](https://bit.ly/Fuel_Fadality) }

Tech Stack: ESP32, Embedded C, Arduino IDE, Firebase, IoT Sensors | (Patent REF No.: SURDC/P/25/09/750)

April 2025

- Developed an IoT device with ESP32, turbidity sensor, YF-S201, and LM35 to monitor fuel flow, quality, and temperature.
- Device measured fuel quantity and quality, transmitted data to Firebase via WiFi, and displayed real-time analytics on OLED.

**FrontDesk AI-Voice Receptionist (with Human Supervisor Dashboard)**

Oct 2025

Tech Stack: Python, Flask, SQLite, LiveKit, Gemini

- A production-ready, voice-native front desk agent built with LiveKit and Google Gemini. When the AI can't confidently answer, it escalates to a human supervisor via a web dashboard and relays the supervisor's answer back to the caller in real time.
- It's designed for **small teams** and **businesses** who want **24/7 phone support** without hiring a large staff.

## SKILLS

**Programming Languages:** Java, Python, C, JavaScript, Dart (Flutter)

**Web Technologies:** HTML5, CSS3, React.js, Node.js, Tailwind CSS, Bootstrap, AWS Cloud

**Databases:** MySQL, MongoDB, Google Firebase

**Framework & Tools:** Spring Boot, Git, GitHub, REST APIs, Agile, TDD, Figma, Canva, Firebase

**Soft Skill:** Adaptability, Attention to Detail, Critical Thinking, Innovative thinking.

## EXTRACURRICULAR & ACHIEVEMENT

**Patent Applied:** [1] **Opti-Rider – Multi-Platform Delivery Management App (Published)** (IN Patent Application No.: 202511081251) 2025

[2] **Fuel-Fadality – Smart Fuel Cap IoT Device**

2025

**Student Coordinator:** Technomania: [4th IEEE International Conference](#)

3rd - 4th November 2023

**Volunteer Organizing Team:** AWS Cloud Club Sharda University

10th - 15th June 2023

**Graphic Designer Lead Core Team:** [Google Developer Student Clubs \(GDSC\)](#)

August 2023 – September 2024

## CERTIFICATIONS

**NPTEL :** [Game Theory IIT Kanpur](#) (2024), [Vulnerability Studies IIT Madras](#) (2024), [Sustainable Development IIT Kharagpur](#) (2025)

**Oracle Academy:** JF Java Fundamentals, JFo Java Foundations,

**Udemy:** [The Complete Web Development Bootcamp](#)

2023