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,   *2022 – 2026 (Expected)*
Bachelor of Technology in Computer Science,   **GPA:** 8.34 (Pursuing)/10.0
Sant. Keenaram Senior Secondary Public School | CBSE Board | Sonbhadra, Uttar Pradesh, India,   *2020 – 2022*
High School & Intermediate,   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, Kiya 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 }* ⬀   *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} ⬀
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 using U8g2 library.

Web-Bases News Summarization Platform *{bit.ly/News-Summarization}* ⬀   *May 2023*
- Developed a web platform for summarization news articles from various sources. Utilized **Google's Feed API** for article aggregation.
- Implemented **NLP** techniques for automated summarization, Personalization features allow users to **customize** news.

SKILLS

Programming Languages: Java, Python, C, JavaScript
Web Technologies: HTML5, CSS3, React.js, Node.js, Tailwind CSS, Bootstrap
Databases: MySQL, MongoDB
Framework & Tools: Flutter, Spring Boot, Git, GitHub, REST APIs, Agile, TDD
Soft Skill: Adaptability, Attention to Detail, Critical Thinking, Innovative thinking.

EXTRACURRICULAR & ACHIEVEMENT

Patent Applied: [1] Opti-Rider – Multi-Platform Delivery Management App (**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*