

MOHAMMAD FAHAD SIDDIQUI

AI Engineer | DGCA Certified Drone Pilot | Full Stack Developer

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Instagram: https://www.instagram.com/nsa_predator?utm_source=ig_web_button_share_sheet&igsh=ZDNlZDc0MzIxNw==

PROFESSIONAL SUMMARY

Innovative B.Tech Data Science student, DGCA Certified Remote Pilot, and Founder of the FIJS brand, offering a unique dual-competence in Artificial Intelligence, Unmanned Aerial Systems (UAS), and Social Media Marketing. Possesses a proven track record in developing scalable web applications (Next.js/React), engineering hardware solutions, and leveraging Generative AI (ChatGPT, Gemini, OpenAI) to streamline marketing workflows and create high-engagement content. Experienced in managing digital presence for family enterprises and large-scale technical conferences, combining creative design skills (Canva, Photoshop) with strong technical logic for hardware and software troubleshooting. A state-level engineering competition winner and active IEEE Student Member skilled in MS Excel and data reporting, dedicated to driving business growth and solving real-world problems through technical innovation.

EDUCATION

- **B.Tech in Computer Science Engineering (Data Science)**
 - *Buddha Institute of Technology, Gorakhpur | 2024 - Current (Expected 2027)*
- **Diploma in Computer Science and Engineering**
 - *Vikas Institute of Engineering and Technology | 2021 - 2024*
- **Senior Secondary School (12th)**
 - *Reliance Academy (CBSE) | 2019 - 2020*
- **Secondary School Examination (10th)**
 - *Reliance Academy (CBSE) | 2017 - 2018*

TECHNICAL SKILLS

- **Programming Languages:** Python (Grade A+ Certified), C, C++, SQL, MongoDB, Django, PHP, JavaScript (ES6+), HTML5/CSS3.
- **AI & Machine Learning:** NLP (Natural Language Processing), Computer Vision, Gemini API Integration, Predictive Modeling, Chatbot Development.
- **Web Development:** React.js, Next.js, Node.js, Tailwind CSS, Firebase (Firestore/Auth), REST APIs, WordPress.

- **Hardware & Aviation:** DGCA Remote Pilot (Rotorcraft/Small), IoT & Embedded Systems (Arduino/Sensors), Aeromodelling.
 - **Tools & Platforms:** VS Code, Git/GitHub, Android Studio, Microsoft Office, Canva, Figma, Kittle, Adobe Photoshop, Adobe Illustrator, Capcut, Davinci Resolve
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CERTIFICATIONS & LICENSES

- **Tools & ChatGPT Workshop** | be10x (March 2025) - *Focused on rapid data analysis and automated content creation.*
 - **Remote Pilot Certificate (Category: Rotorcraft, Class: Small)** | DGCA, Govt. of India
 - **License No:** RP202500004958 | **Validity:** Until Nov 18, 2035.
 - **Scope:** Certified for Visual Line of Sight (VLOS) operations for small multirotor drones.
 - **Web Development in Python (Grade "A+")** | Education World (ISO 9001:2015 Certified)
 - **Duration:** July 2023 – Dec 2023.
 - Mastered full-stack development logic using Python frameworks.
 - **AI Chatbot Development** | DigiCoders Technologies (Nov 2025)
 - Gained practical experience in building conversational agents and integrating NLP.
 - **AI Image Generation through API Integration** | DigiCoders Technologies (Nov 2025)
 - Focused on integrating Generative AI APIs for automated image creation.
 - **AI Tools & ChatGPT Workshop** | be10x (March 2025) ³
 - **Key Skills:** Rapid data analysis, code debugging using AI, and automated presentation creation.
 - **Certificate of Participation: HackIndia 2026** | India's Biggest Web3 & AI Hackathon | Team: Falcon
 - **Certificate of Presentation: National Conference on Intelligent Systems, Machine Learning & Data Science (ISMLDS-2026)** | Presented paper/abstract titled: "MedAI: An Intelligent Healthcare Assistance Platform" | Organized by IEEE STR-BIT.
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PROJECTS

FIJS (Fresh Inked. Just Styled.) – Premium E-Commerce Platform

- **Role:** Founder & Lead Full-Stack Developer
- **Tech Stack:** Next.js, React, Node.js, Tailwind CSS
- **Description:** Developing a high-performance e-commerce architecture for a custom apparel brand.
- **Key Features:**
 - Built a custom "**Design Studio**" allowing users to customize apparel designs in

real-time.

- Implemented a **3D Product Viewer** for immersive customer experience.
- Engineered a headless commerce backend for seamless inventory management.

MedAI: Intelligent Health Assistant

- **Role:** Founder & Lead Full-Stack Developer
- **Tech Stack:** React.js, Firebase, Gemini API
- **Description:** A healthcare assistance web application designed to democratize access to medical information.
- **Key Features:**
 - Integrated **Google's Gemini API** to analyze user symptoms and provide preliminary health insights.
 - Implemented secure user authentication and data storage using Firebase.

RetailMaster: Inventory & Billing System

- **Tech Stack:** Web Technologies, Excel Integration
- **Description:** Developed a comprehensive management tool for retail apparel shops.
- **Key Features:**
 - Automated **GST and Selling Price calculations** based on base costs.
 - Created dynamic inventory tracking for variable product attributes (Size, Fabric, Color).
 - Enabled automated data export to **Excel formats** for accounting purposes.

SmartAttend: AI-Based Attendance System

- **Tech Stack:** Python, Computer Vision Libraries
- **Description:** Engineered an automated attendance solution to replace manual logging.
- **Key Features:**
 - Utilized Python scripting to process visual data and mark attendance automatically.
 - Designed logical flowcharts to optimize the recognition algorithm and reduce processing time.

JARVIS: Advanced AI Voice Assistant

- **Tech Stack:** Python, NLP, Speech Recognition APIs
- **Description:** A personal desktop assistant capable of performing system tasks via voice commands.
- **Key Features:**
 - Integrated speech-to-text engines for real-time command execution.
 - Automated smart home device controls and system navigation.

CivicConnect: Issue Reporting Platform

- **Concept:** A crowdsourced platform for reporting civic issues (potholes, waste, etc.).
- **Contribution:** Designed the system architecture and problem statement for efficient government-citizen communication.

SKF Solution: Educational Resource Hub

- **Impact:** Deployed a platform hosting 300+ solved papers, achieving a **50% increase in user retention** through optimized search algorithms.
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SEMINARS & WORKSHOPS

- **"Recent Trends in the IT Industry & How to Prepare for It?"** ⁹
 - **Organizer:** EISystems Technologies at BIT Gorakhpur (Sept 2025).
 - Gained insights into emerging industry demands and career preparation strategies.
 - **"Challenges & Opportunities of Engineering Students"** ¹⁰
 - **Organizer:** Institution of Engineers (India) & VIET (Dec 2022).
 - Explored the evolving landscape of engineering education and career paths.
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PROFESSIONAL MEMBERSHIPS

- **IEEE Student Member** | *IEEE Uttar Pradesh Section*
 - **Membership ID:** #101024953 | **Valid Through:** Dec 2025.
 - Part of a global community of innovators, committed to the advancement of technology.
 - **Institution of Engineers (India) - Participant**
 - Engaging with the engineering community through seminars and local center activities in Gorakhpur.
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PROFESSIONAL EXPERIENCE & INTERNSHIPS

Say Drone Technology Pvt. Ltd. | Drone Trainer & Intern | *Present*

- Spearheaded comprehensive UAS training programs, successfully instructing and mentoring **600+ NCC Cadets** in flight operations, safety protocols, and practical drone piloting.
- **Conducted hands-on technical sessions** covering drone assembly, aerodynamics, and hardware troubleshooting to ensure cadets gained practical, real-world engineering knowledge

Astrion Venture | Intern | *Present*

- Actively engaging in ongoing industry-level projects and continuous professional development.

Gaurav Go Gaming | Intern | *Present*

- Contributing to technical operations and development initiatives within the gaming and tech sector.

FIJS (*Fresh Inked. Just Styled.*) | Founder & CEO | 2024 – Present

- **Social Media Management:** Spearheaded the social media strategy for the family business, managing Instagram and Facebook handles to boost brand visibility.
- **AI & Automation:** Utilized **ChatGPT and AI tools** to generate creative ad copy, product descriptions, and automated customer responses, significantly reducing manual workload.
- **Content Creation:** Designed high-quality visual assets and promotional reels using **Adobe Photoshop and CapCut**, establishing a premium brand aesthetic.
- **Data Analysis:** Managed inventory and sales data using **MS Excel**, creating automated reports to track best-selling items and marketing ROI.
- **Technical Support:** Handled all computer hardware and software troubleshooting for the business operations, ensuring 100% uptime for the e-commerce platform.

IEEE Uttar Pradesh Section (ICICAT 2025) Social Media Coordinator & Volunteer | *Buddha Institute of Technology*

- **Conference Marketing:** Managed the official social media presence for the **International Conference on Innovative Computing and Communication (ICICAT 2025)**.
- **Engagement Strategy:** Created and scheduled daily posts, stories, and reels covering event highlights, leading to increased delegate registration and online engagement.
- **Asset Design:** Collaborated with the design team to produce event brochures and digital banners using **Canva and Figma**.
- **Live Coverage:** executed real-time social media coverage during the event, interviewing keynote speakers and showcasing student projects.

Interns Elite | AI & Machine Learning Intern

13 August 2025 – October 2025

- Completed intensive industrial training in **AI & ML with Python**.
- Built predictive models and data analysis pipelines, receiving recognition for "transformative impact" on projects.

Robotics Era Pvt. Ltd. | IoT & Embedded Technology Trainee
14 November 2025

- Gained practical expertise in connecting software logic with physical hardware sensors and actuators.

Say Drone Technology Pvt. Ltd. | Remote Pilot Trainee
15 November 2025

- Certified competency in Visual Line of Sight (VLOS) operations for small rotorcraft.
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LEADERSHIP & VOLUNTEERING

IEEE UP Section - Volunteer / Organizer
2025 - Present

- Role: Active volunteer involved in the organization of technical conferences.
 - Achievement: Played a key role in organizing ICICAT 2025, coordinating logistics and ensuring smooth execution of the event.
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ACHIEVEMENTS & AWARDS

- **Winner (1st Position) : YANTRA 2K26 at IIIT RANCHI.**
 - **Event : WING FURY**
 - **Team Name :** "The Flying Predators". demonstrated excellence in aerodynamic design and flight stability.
- **Winner (2nd Position) : OJASS 2026 at NIT JAMSHEPUR**
 - **Event : NO GROUND ZONE**
 - **Team Name :** The Flying Predators
- **Winner (3rd Position)**
 - **Event:** TECHNEX 2026 at **INDIAN INSTITUTE OF TECHNOLOGY BHU (IIT BHU)**
 - **SKYGLIDE**
 - **Team Name :** The Flying Predators, demonstrated excellence in aerodynamic design
- **Winner (3rd Position) : Techsrijan '26 at Madan Mohan Malaviya University of Technology (MMMUT).**
 - **Event : MALVIYA AEROMODELLING COMPETITION (MAC)**
 - **Team Name :** "The Flying Predators". demonstrated excellence in aerodynamic design and flight stability.

- **Winner (3rd Position) at Poornima Institute of Technology**
 - **Event:** FLIGHT QUEST 2.0 2026
 - **Team:** "The Flying Predators". demonstrated excellence in aerodynamic design and flight stability.
 - **District Level Qualifier - Skill India Competition**
 - Selected for the next round in the **Cloud Computing** category (Dec 2025), showcasing proficiency in cloud infrastructure.
 - **Winner (1st Position) - Pythonia**
 - Pythonia 2025 (Python Debugging Competition) at Buddha Institute of Technology, Gorakhpur
 - **District-Level Shooter - Gorakhpur Mahotsav**
 - Participated in the **10 Meter Air Rifle (Open Sight)** competition organized by the **U.P. State Rifle Association** (Jan 2024).
 - **Common Internship Test (CIT) Participant**
 - **Organization:** Internship Studio (March 2025).
 - Recognized for dedication and effort in national-level employability assessments.
 - **Sparkathon Finalist**⁸
 - **Event:** Organized by **Buddha Innovation Council** (Sept 2025).
 - Demonstrated creativity and team spirit in solving startup-level problem statements.
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LANGUAGES

- English, Hindi, Urdu.