Shashwat Ranjan

shashwat02022005@gmail.com | +91-8707624296 | Portfolio | LinkedIn | GitHub | Greater Noida, UP, India

PROFESSIONAL SUMMARY

Computer Engineering student with strong foundations in software development, artificial intelligence, and cloud technologies. Certified in Microsoft Azure AI and skilled in full-stack web development, machine learning, and problem-solving. Adept at working in collaborative environments, with excellent communication and leadership abilities. Eager to contribute to impactful projects and grow as a software engineer in a dynamic, innovative team.

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, JavaScript, HTML5, CSS3, SQL, TypeScript

Frameworks & Libraries: React.js, Node.js, Next.js, Flask, Pytorch, OpenCV

Databases & Cloud: MongoDB, Microsoft SQL Server, PostgreSQL, Microsoft Azure, Google Cloud Platform (GCP), Vercel, Render, Supabase, MongoDB Atlas.

Developer Tools & Methodologies: Git, GitHub, CI/CD, Agile/Scrum, VS Code, Google Colab

Education

Bennett University, B.Tech Computer Science Engineering   2023 – 2027
- CGPA: 8.30 (Till 4th Semester)

PROFESSIONAL EXPERIENCE

Project Intern, DRDO (Defence Research and Development Organization), Jodhpur   June 2025 – July 2025
- Engineered CycleGAN-based models for image-to-art translation, boosting fidelity by 18%, cutting training time 25%, and automating preprocessing to reduce manual effort.

Founder's Office Intern, Panaah, Gurugram   Jan 2025 – April 2025
- Coordinated cross-functional projects and led a 4-member tech team, delivering 2 MVPs and cutting reporting time by 30% through automated workflows.

Projects

Serenity – AI Mental Wellness Platform   Website
- Developed an AI-driven mental wellness assistant integrating facial emotion analysis and personalized recommendations, impacting 200+ users and improving stress-detection accuracy by 12%.
- Tools: HTML, CSS, JavaScript, Python, Flask, OpenCV, TensorFlow, Keras

AgroVision – AI-Powered Precision Agriculture Platform   Website
- Built an integrated farming assistant with plant identification, soil analysis, and AI chatbot; improved crop recommendation accuracy by 20% and reduced manual testing effort by 40%.
- Tools: React (Vite), TypeScript, Tailwind CSS, FastAPI, MongoDB/PostgreSQL, Earth Engine, Python

Certifications & Achievements

- Microsoft Azure AI Certified (AI-900) - Artificial Intelligence Fundamentals
- Secured Top 10 and Top 15 finalist positions across premier national competitions including Microsoft Innovate, Odoo X NMIT Hackathon, and EvolvX Projectathon at MNIT Jaipur.
- GSSoC '25 Mentor – Guided contributors in open-source development and project building

Position Of Responsibility

Team-Lead, Código Maestro   April 2024 – Present
- Created and led 5-member tech team delivering 8+ client projects with 95% satisfaction on Fiverr/Upwork.
- Built hackathon team achieving top-10 finishes with AI-driven prototypes.