Param Saxena

📞 +91 8130584406   ✉ param.saxena1717@gmail.com   ⭘ Github   in Linkedin   Portfolio

EDUCATION

G. L. Bajaj Institute Of Technology And Management, Greater Noida	Nov 2022 – Oct 2026
Bachelor of Technology in Computer Science and Engineering - Data Science	*CGPA - 8.0*
Ryan International School, Ghaziabad	Apr 2020 – Jun 2022
Higher Secondary School - CBSE	*Percentage - 90.8%*
Ryan International School, Ghaziabad	Apr 2019 – Mar 2020
Secondary School - CBSE	*Percentage - 89%*

PROJECTS

DomeWatch | *YOLOv8, Python, OpenCV, FastAPI*　⭘
- Developed a drones detection system designed to identify aerial activity near sensitive zones using **YOLOv8** and **OpenCV** with **FastAPI** backend for model integration
- Implemented video feed analysis and real-time object detection, ensuring multiple modes for detection

AnonChat | *Next.js, TailwindCSS, Node.js, Shadcn.js*　⭘ | ⬈
- Developed a full-stack anonymous messaging platform, enabling users to receive anonymous messages through personalized URLs using JS frameworks - **Shadcn.js**, **Node.js** & **Next.js**
- Built a secure authentication system and dynamic dashboard with **TailwindCSS** where users can view incoming anonymous messages in real-time

CulturaBot | *Python, RASA, MongoDB*
- Developed a conversational AI chatbot to deliver a smooth museum ticket booking experience, using **RASA**, trained on Indian names and museum data for accurate **intent recognition** and **entity extraction**
- Automated museum ticket generation with **Python** and **MongoDB**, enabling end-to-end data handling and response generation

INTERNSHIP

Data Science Intern	Sep 2023 – Nov 2023

Alteryx
- Gained proficiency in Alteryx platform, utilizing its dashboard and utilities for data workflows.
- Performed data preparation, transformation, and manipulation to optimize data pipelines & enhance data quality

TECHNICAL SKILLS

Languages: C++, Python, HTML/CSS, JavaScript

Frameworks & Libraries: Flutter, React, Next, TailwindCSS, Node, Express, PyTorch, RASA, OpenCV, YOLOv8

Developer Tools & Platforms: MySQL, MongoDB, PostgreSQL, Git, GitHub VS Code, Figma

EXTRA CURRICULAR

President	*Yuktikula Club*	Sep 2024 – Present

- Led and coordinated multiple teams to plan and execute events, workshops, and initiatives, fostering collaboration and increasing student engagement
- Strengthened the club's presence through strategic planning, external partnerships, and efficient work delegation, resulting in high-impact & well-organized events

CERTIFICATES

- Google Android Kotlin Course - AICTE (Google)
- Google Study Jam – Generative AI and Cloud Computing - GDG

ACHIEVEMENTS

- Selected as one of the top 5 finalist teams nationwide in MahaHackathon Challenge 1.0
- Secured 3rd position in Bharat Shiksha Expo Hackathon