Sameer Chauhan

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Education

University	Course Name	Date of Attending	CGPA/Percentage
Manipal University, Jaipur	*B.Tech Computer Science & Engineering*	2021 - 2025	8.82 CGPA
Boston Public School, Agra	*CBSE XII*	2020 - 2021	75.2%
St.Conrad's Inter College, Agra	*ICSE X*	2018 - 2019	92.2%

Experience

PwC India *January 2024 - May 2024*

Data Analytics Trainee

- Selected for **PwC's Launchpad Program** focused on covering concepts such as **Python**, **DBMS**, **IT and Cloud Fundamentals**, and much more.
- Learned through **hands-on sessions** led by industry professionals, applying technical skills to **structured exercises** and tasks.
- Gained exposure to **corporate work culture** and understood how foundational tech skills are used in **real-world professional settings**.

Projects

MUJ Central — Link *HTML, CSS, TailwindCSS*

- Built a **campus portal** serving over **90k+ monthly users**, addressing academic, collaboration, and transport needs.
- Offered features like **study materials**, **roadmaps**, and a **carpool system**, making everyday student life more streamlined.
- Designed an **event management system** and improved student interaction through a **user-friendly interface**.
- Demonstrated strong **tech and leadership skills**, delivering a reliable, scalable, and intuitive platform for the student body.

ChanakyaGPT — Link *TailwindCSS, FirebaseAPI, OpenAI API*

- Created **ChanakyaGPT**, a chatbot combining **GPT-4** with **ancient Indian wisdom**, offering AI-driven educational conversations.
- Integrated **Firebase Authentication** for **secure login and privacy**, ensuring trusted user interactions.
- Focused on delivering a **meaningful learning experience**, helping users grasp Chanakya's teachings in a modern interface.
- Highlights strong command over **AI integration**, **user experience**, and **real-world problem solving** using tech.

Smart IoT Parking System — Final Year Project *Arduino-based IoT system*

- Implemented an **automated gate entry mechanism** using **Arduino** with an **ultrasonic sensor** to detect incoming vehicles and operate a **servo motor**-based gate.
- Used an **ESP32 WiFi module** to collect sensor data from parking slots and send it to the **Blynk IoT server**.
- Designed **Mobile and Web Dashboard** via the **Blynk IoT platform tools** for users to get real-time parking slot info.
- Displayed real-time parking slot status on a **20x4 I2C LCD module** integrated with the system.
- Utilized collected sensor data during **peak hours** to analyze slot usage, generate usage trends, and visualize them for performance insights.

Skills

Frontend: HTML, CSS, Tailwind; **CS Fundamentals:** Operating System, Computer Networks, Database Management, OOPS Principles **Familiar With:** Python (Working Knowledge), C/C++ (Basic Knowledge); **Soft Skills:** Effective Communication, Problem Solving, Networking.

Extra-Curricular & Achievements

- Awarded the **Dean's List for Academic Excellence** in the **5th, 6th, and 7th** semester for maintaining a **9+ GPA**.
- Designed and developed the first *student-centric portal*, **MUJ Central** serving as a one-stop destination for academic needs
- Actively contributed to tech communities including **IEEE, ACM, and Google Developer Clubs**, serving in core team roles