

SAHIL SEKH

sahilsekh05@gmail.com | (+91) 7978612719 | [LinkedIn](#) | [GitHub](#)

TECHNICAL SKILLS

- ❖ **Programming Languages/Technologies:** Python, C, C++, R, Raspberry pi, Data Analysis
- ❖ **Tools:** Advance Excel, SQL, Power BI, Canva, ChatGPT and PowerPoint
- ❖ **Soft Skills:** Leadership, Creative Writing, Public Speaking, Team management, Conflict resolution, Employee Training, Operations

EXPERIENCE

❖ Data Intern | Under Dr Pallavi Joshi Lahari, Assistant Professor-II (Public Health), Amity University Noida (2025)

- Collaborated under Dr Pallavi Joshi Lahari—Assistant Professor-II, Amity Institute of Public Health & Hospital Administration (AIPH&HA).
- Extracted, cleaned, and transformed ASER datasets using **R**, correcting data types and recoding categorical variables (Yes/No → 1/2).
- Created descriptive statistical tables and performed short-term (1-year) & long-term (5-year) trend analyses across educational and environmental indicators.
- Merged ASER 2022 with external datasets by resolving district-level mismatches through Python and fuzzy string matching (`.str.lower().strip()`, **fuzzywuzzy**).
- Generated data-quality documentation, including Excel mismatch reports via
- **OpenPyXL/Pandas** and PDF merge-quality reports with **ReportLab**.
- Tools: **R**, **Python** (Pandas, fuzzywuzzy), **Excel**, **OpenPyXL**, **ReportLab**.

❖ Business Analyst Intern | Unified Mentor (CIN No: U85500HR2023PTC115118) (2025)

- Conducted data analysis using **Power BI**, **Excel**, and **SQL** to deliver actionable insights.
- Designed 3 dashboards: **pizza sales performance**, **HR analytics**, and **influencer trends**, improving decision-making.
- Extracted and transformed data using **SQL** and **Power Query**.
- Tools: **Power BI**, **SQL**, **Excel**, **DAX measures**

❖ Co-Founder and Operations Lead | Kong Head Technology Pvt Ltd | DIN: 09580973 (2022 -2024)

- Led a team of 10-15 employees, providing comprehensive training on **Microsoft data analysis tools** and methodologies to ensure project success.
- Generated a **35-40% profit increase** through effective project management, strategic planning, and execution of data analysis initiatives.
- Collaborated with **Microsoft** to enhance the **Bing search engine**, contributing to improved functionality and user experience.

- **Spearheaded high-level decision-making** for **policies, strategies, and operational procedures**, ensuring alignment with organisational goals.
- **Managed end-to-end project execution**, including client communication, resource allocation, and timeline adherence.
- **Consulted with clients** to understand project requirements and deliver solutions.

❖ **Data Analyst | Knuckle Head Corporation LLP**
(2021 - 2022)

- **Analysed and processed large datasets**, performing **data annotation, labelling, and evaluation**.
- **Mentored new employees** on data analysis tools, techniques, and best practices, improving team efficiency and performance.

EDUCATION

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|----------------------------------|------------------------|
| ❖ B.Tech CSE Makaut University | CGPA:8.8 (2017-2021) |
| ❖ XII (CBSE) KV No.2 BBSR | 61% 2017 |
| ❖ X(CBSE) KV No.2 BBSR | CGPA:7.4 (2015) |

ACADEMIC PROJECTS

❖ **Biometric Attendance System Using Python**

- Developed a **biometric attendance system** using Python that utilizes **facial recognition technology** to scan and record attendance automatically.
- Integrated **OpenCV** and **face recognition libraries** to ensure accurate and efficient face detection and identification.
- Reduced manual attendance tracking efforts by **automating the process**, improving accuracy, and saving time.

❖ **Chatting Application Using Flutter and MongoDB**

- Designed and implemented a **real-time chatting application** using **Flutter** for the front end and **MongoDB** for the back end.
- Enabled seamless communication between users by developing features like **message sending, user authentication, and data storage**.

❖ **WhatsApp Automation Using Python and Selenium**

- Created a **WhatsApp automation tool** using **Python** and **Selenium** to send **automatic text messages** and **photos** to multiple recipients.

❖ **Image Comparison Tool Using Python**

- Built an **image comparison tool** using Python that analyzes and identifies differences between two images.
- Utilized **image processing libraries** to detect variations in pixel data, enabling accurate comparison results.
- Applied the tool in scenarios like **quality control** and **data validation**.

ACHIEVEMENTS

- ❖ **Ex-Co-founder of a Profitable Company**
- ❖ **1st Prize in Tech Ad at College Tech-Fest**
- ❖ **2nd Prize in Tech Project at College Event**
- ❖ **Debate Competition**