SAHIL THAKUR

Delhi, India

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PROFESSIONAL SUMMARY

Computer Science undergraduate with strong fundamentals in **data structures**, **object-oriented programming**, and **DBMS**, and hands-on experience building **real-time**, **data-driven applications**. I work with **Java**, **JavaScript**, **SQL**, **React (TypeScript)**, and **Power BI**, focusing on **API integration**, **performance optimization**, **clean UI/UX**, and **meaningful data insights** through projects like a **resume analyzer**, **weather platform**, and **interactive election dashboard**.

EDUCATION

Galgotias College of Engineering and Technology   **2022 – 2026**
B.Tech in Computer Science (Core)   *Greater Noida, Uttar Pradesh*

Shiksha Niketan Senior Secondary School   **2021 – 2022**
*Higher Secondary Education – **94.6%***   *Jammu, Jammu & Kashmir*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- OOPs
- DBMS
- Operating Systems
- Computer Networks
- Software Engineering
- Web Development
- Data Analysis

PROJECTS

OdinSky – Weather Web App | React, TypeScript   **2025**
- Built a **responsive weather application** providing **real-time conditions**, **5-day forecasts**, and **global city search** with **favorites support**.
- Integrated **OpenWeather API** with an **average response time of 600ms** for **efficient data delivery**.
- Optimized performance using **lazy-loaded images**, reducing **Largest Contentful Paint** from **28s to 2.5s**.

Lexicon – Resume Analyzer | React, Puter.ai   **2025**
- Built a **real-time Resume Analyzer** web app using **React (TSX)**, **TailwindCSS**, and **Puter.ai**, designed to **parse and evaluate resumes instantly**.
- Integrated a **real-time resume parsing** and **feedback system powered by AI** for **actionable improvement suggestions**.
- Developed a **clean, user-friendly interface** with a **smooth UX** focused on **clarity**, **responsiveness**, and **minimalism**.

J&K Election Dashboard | PowerBI   **2024**
- Developed an **interactive PowerBI dashboard** for the **J&K elections**, analyzing **voter demographics**, **turnout trends**, and **party performance**.
- Highlighted **women's participation and representation**, along with **constituency-wise results**, **swing trends**, and **historical comparisons** for **data-driven insights**.

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL, HTML, CSS

Frameworks: React.js, TailwindCSS

Tools: Git, GitHub, Linux, MS Excel, PowerBI

EXTRACURRICULAR

Lingo Freaks Literary Society   **2023 – 2024**
<u>*Club Head*</u>   *GCET*
- Organized literary events including Shaam-e-Sukhan and debates, increasing student participation.
- Interviewed seniors and faculty to document academic and cultural narratives.
- Led a 3-member team to create a documentary highlighting winter challenges of Pariah communities.
- Planned and coordinated major events such as Unifest.

CERTIFICATIONS

- Oracle – Database Programming with SQL
- Infosys – Database Management Systems
- Machine Learning with Python – College Certified