KABIR SHARMA

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Portfolio | GitHub | Linkedin

EDUCATION

SRM Institute of Science and Technology
Bachelor of Technology, Computer Science Engineering   2022 - 2026
*CGPA: **9.5** (Till 4th Semester)*

Delhi Public School Ghaziabad
Class XIIth, Central Board of Secondary Education   2021 - 2022
*Percentage: **83.2**%*

Delhi Public School Ghaziabad
Class Xth, Central Board of Secondary Education   2019 - 2020
*Percentage: **94.4**%*

EXPERIENCE

Space Story | Website Development Intern   New Delhi, India | May 2024 - July 2024
- Actively participated in the design and development of the organization's website.
- Supported the optimization of the website's responsiveness across various devices.
- Assisted in troubleshooting and swiftly resolving technical issues, ensuring quick turnaround.

SKILLS

Languages:	C++, Javascript, Python, SQL
Libraries / Frameworks:	React, Express, Node, Tailwind, NumPy, Pandas, Matplotlib, OpenSDL
Tools / Platforms:	Firebase, Supabase, pgAdmin, DBeaver, Git, Postman, Figma
Databases / ORMs:	PostgreSQL, MySQL, Prisma, NeonDB

PROJECTS

Realtime Chat App | Link   *Javascript, React, Express, PostgreSQL*
- Implemented bidirectional WebSocket, with dynamic online user status.
- Designed PostgreSQL schema with Prisma and NeonDB for cloud hosting.
- Created JWT based authentication with cookie management and password hashing.
- Centralised React application state using Zustand.

IPL Win Predictor | Link   *Python, Jupyter Notebook, Streamlit*
- Achieved accuracy of 79.8% in predicting match outcomes, using Logistical Regression.
- Implemented an end-to-end pipeline encompassing data merging, filtering and feature engineering (on metrics such as current run rate, remaining runs, and wickets lost).

Caffein | Link   *Javascript, React, Firebase*
- Developed a Web Application to help users manage coffee consumption and track spending.
- Implemented authentication and data persistence using Firebase Auth and Firestore.
- Wrote custom React hook (useAuth) for global state management and user session handling.

Spotify ETL Data Analytics (Ongoing) | Link   *Python, SQL, Streamlit*
- Developed an ETL pipeline to extract track data from Spotify API, transform it into structured format, and load into MySQL database for music analytics.
- Created statistical visualizations revealing insights like popularity distributions and artist frequencies using Pandas and Seaborn.

CREDENTIALS AND CONTRIBUTIONS

- Certifications: GitHub Foundations, Postman Student Expert, React (Infosys Springboard)
- Actively participated in Hacktoberfest 2024.
- Awarded the position of School Head Boy for leadership and academic excellence in 2019 and 2014.
- Bronze medalist at National Science Olympiad organized by Science Olympiad Foundation in 2014.
- Gold medalist at National Science Olympiad organized by Science Olympiad Foundation in 2012.