NAYSAH SHEIKH

+(91) 7200291501 ◇ Chennai, Tamil Nadu
naysahsheikh05@gmail.com ◇ linkedin.com/in/naysah-sheikh/ ◇ the-nayshe-5.github.io/the-nayshe-5/

EDUCATION

Bachelors' of Computer Science and Engineering, Vellore Institute of Technology, Chennai — Expected 2026
Current CGPA: 9.06 out of 10

CBSE Class XII Examinations, The Mother's International School, Delhi — 2021 - 2022
Board Percentage: 96%
School Topper in Computer Science and English

CBSE Class X Examinations, The Mother's International School, Delhi — 2019 - 2020
Percentage: 97.2%
School Topper in Science and Sanskrit

EXPERIENCE

Head of Operations & Technical Team Member, *Android Club VITC* — Jun 2023 - Present

- Collaborated with the team for the development of a React Native Application for our flagship event, that streamlined event management processes and promoted participant interaction, resulting in an 80% reduction in management load.
- Conceptualized and spearheaded Expo'24, as Student Coordinator, as well as, Expo'23 and our club's flagship event, TaskOps 2.0; resulted in an aggregate 46% boost in student participation and engagement.

Head of Design, *Wakhra Punjab Club VITC* — Mar 2023 - Mar 2024

- Mentored junior team members in graphic design tools, resulting in a 25% improvement in team efficiency, demonstrating leadership qualities.
- Researched and developed a suite of products aligned with the organization's brand identity and values; expanded market reach by 500%, as a newly launched club.

SKILLS

Technical Skills — Machine Learning, Time Series Analysis and Prediction, Python, Git, SQL, Probability, Statistics, Hypothesis Testing, Data Analytics, Excel, Tableau, IBM Cognos Analytics, Dashboards

CERTIFICATIONS

- IBM Data Analyst Professional Certificate
- Oracle Database Foundations Associate

PROJECTS

Air Quality Analysis and Prediction Model (Source Code)

- Developed a machine learning model with Python and Time-Series Models, like SARIMA and Holt-Winters; predicted PM2.5 concentrations for the next 12 months.
- Analyzed the 25% reduction impact of COVID-19 on PM2.5 concentrations using time series analysis; explored the potential of machine learning in addressing climate change.

Customer Churn Analysis and Prediction Model (Source Code)

- Built a customer churn prediction model with 90% accuracy using Python, Ensemble machine-learning models and complex data with 14500+ records.
- Enabled possible strategic business interventions that can decrease churn rate by 70% and enhance customer retention by 30%.

Retail Sales Analysis and Uplift Testing (Source Code)

- Cleaned and performed EDA on 260000+ transaction records using Python to extract valuable insights and deliver data-driven recommendations.
- Identified benchmark stores for uplift testing that indicated increased sales by at least 40% in one of the 3 trial stores, enabling evidence-based decision-making.