SNEHASHIS DAS

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PROFILE SUMMARY

Aspiring Software Engineer with experience in **Java**, **Python**, and **Data Structures**. Built real-time and data-driven applications using **TensorFlow**, **OpenCV**, and **Streamlit**. Hands-on in machine learning, data analysis, and web development. Strong with **Git**-based version control and team collaboration.

TECHNICAL SKILLS

Languages: Java, **Python**
Web: HTML, CSS, JavaScript
Database: MySQL, SQL, **DBMS**
Tools/Frameworks: TensorFlow, **OpenCV**, **Streamlit**, **Git, GitHub**, Tableau
Core CS: Data Structures & Algorithms, **Object-Oriented Programming (OOP)**
Soft Skills: Problem Solving, Analytical Thinking, Communication

EDUCATION

B.Tech in Information Technology, Seacom Engineering College, MAKAUT 2022 – 2025
CGPA: 7.0

Diploma in Engineering, Engineering Institute for Junior Executives, WBSCTE 2019 – 2022
Percentage: 83.7%

Higher Secondary (WBCHSE), Howrah Zilla School 2019
Percentage: 62%

Secondary (WBBSE), Howrah Zilla School 2017
Percentage: 65%

PROJECTS

Emotion Detection Using Facial Expressions (June 2025) (GitHub)
• Developed a real-time emotion recognition web app using a custom 5-layer CNN on the FER-2013 dataset
• Integrated webcam image upload support with confidence visualization in **Streamlit**
• Applied preprocessing with **OpenCV**, achieved 70% test accuracy
Tech: Python, TensorFlow, Keras, OpenCV, Streamlit, Git

GDP Analysis (July 2024)
• Analyzed economic trends and created visual dashboards
• Used data wrangling and plotted trends with **Matplotlib** and **Plotly**
Tech: Python, Pandas, Matplotlib, Plotly

Black Friday Sales Analysis (Feb 2024)
• Mined customer behavior insights from sales data
• Created interactive dashboards in **Tableau**, supported by **SQL**
Tech: Python, SQL, Tableau

CERTIFICATIONS

Complete Machine Learning & Data Science Program – GeeksforGeeks
(26-week program: **Python**, **ML algorithms**, data preprocessing, model deployment, and DSA)

LANGUAGES

English: Proficient **Hindi:** Beginner **Bengali:** Proficient