SNEHASHIS DAS

+91-9330759496 ◇ Howrah, West Bengal, India ◇ dassnehashis2001@gmail.com ◇ linkedin ◇ github ◇ portfolio

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
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

Weather Dashboard (Live Demo) (GitHub)
• Developed a responsive, feature-rich weather app using vanilla **JavaScript**
• Integrated the **OpenWeatherMap API** with 'async/await' to fetch real-time weather and forecast data
• Implemented dynamic UI features, including animated icons (**Skycons.js**) and a background that changes with the weather
• Engineered client-side persistence for user preferences (dark/light mode, search history) using **localStorage**
Tech: JavaScript (ES6+), HTML5, CSS3, REST APIs, Git, Vercel

Emotion Detection Using Facial Expressions (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 **(June 2025)**

GDP Analysis (GitHub)
• Engineered a data pipeline with **Pandas** to clean, process, and analyze national GDP data
• Created visualizations with **Matplotlib** and **Plotly** to identify and report on key economic trends
Tech: Python, Pandas, Matplotlib, Plotly **(July 2024)**

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