SOHAM HAIT

+91-8282903271

B.Tech.

sohamhait06@gmail.com

Computer Science and Engineering

Github

Narula Institute of Technology, Kolkata

linkedin.com

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Narula Institute of Technology Kolkata	8.22(Current)	2022-Present
Higher Secondary	Don Bosco School Park Circus/ISC Board	91.0%	2022
Secondary	Don Bosco School Park Circus/ICSE Board	95.0%	2020

PROJECTS

- **CineTix- A Movie Booking Website** *May 2025*

  Next.js, Typescript, Tailwind CSS, Node.js, MongoDB Github
  - Developed an interactive front-end using **Next.js**, **TypeScript**, and **Tailwind CSS**, enabling users to browse movies, view details, and book tickets seamlessly.
  - Built a high-performance backend using **Node.js** and **Express**, integrating a RESTful API to handle client requests efficiently.
  - Utilized **MongoDB** for secure storage of user data, employing bcrypt and JWT-based authentications to encrypt sensitive information such as passwords.

- **Containerized Web Hosting on Azure VM** *May 2025*

  Docker CLI, Apache CLI, MS Azure, Linux Github
  - Deployed and managed a containerized web application using **Docker** and **Apache** on an **Azure Virtual Machine**, ensuring scalable and efficient hosting.
  - Configured the Azure VM environment to optimize performance and leverage features such as secure networking, automated backups, and resource monitoring.
  - Performed all setup, configuration, and deployment tasks through the command-line interface **(CLI)** of the Azure Linux Virtual Machine.

- **Linear Regression Models** *August 2023*

  Python, Jupyter Notebook, Kaggle Github
  - Utilized **pandas**, **numpy**, **scikit-learn**, **seaborn**, and **matplotlib** libraries within **Jupyter Notebook**, leveraging **Kaggle** datasets for comprehensive data analysis and machine learning workflows.
  - Conducted exploratory data analysis and built machine learning models to predict house prices using key real estate features and market trends.
  - Performed data preprocessing, visualization, and classification modeling on the Iris dataset to accurately predict iris flower species based on morphological characteristics.

SKILLS

- **Programming**: Python(for ML), C++, Java
- **Tech Stack**: JavaScript (Basic), HTML, CSS, TypeScript, React, Node.js, Next.js, GitHub, Microsoft Azure, Docker, Jupyter Notebook, Kaggle Datasets, MongoDB
- **Computer Fundamentals**: Operating Systems, Computer Networks, OOPs, DBMS
- **Non Technical**: Team Management, Leadership, Communication, Team Building

CERTIFICATIONS

- **Object-Oriented Data Structures in C++**: Data Structures, Object Oriented Programming Certificate
- **Interactive Programming in Python**: Interactive Programming, Algorithms, Libraries Certificate
- **Introduction to DevOps**: Concepts of SaaS, PaaS, IaaS, CI/CD Certificate
- **Introduction to Front-End Development:**: HTML,CSS,Bootstrap Certificate
- **Google Cloud Skills Boost**: Google Cloud Platform, Cloud Infrastructure, Cloud Storage Certificate
- **Foundations of Cybersecurity**: Security ethics, cybersecurity attacks, security frameworks Certificate

ACHIEVEMENTS

- **Model Mania 2K23**, secured **1st rank** among Model Making Competition Certificate *2023*
- **SciQuest 2k24**, Secured **3rd rank** among 40 teams in Technical Quiz Competition Certificate *2024*
- **Nit-Lit Literary Fest 2023**, secured **3rd rank** in JAM Event Certificate *2023*
- **Hack4Bengal 4.0 Virtual Hack**, Participated in Hackathon Certificate *2025*