

SUMIT KUNDU

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Linkedin

Github

LeetCode

GeeksforGeeks

EDUCATION

Haldia Institute of Technology, Haldia

2021 – 2025

B.Tech - Computer Science and Engineering - CGPA - 8.42

Haldia, West Bengal

TECHNICAL SKILLS

Languages: C++, Python, SQL

Technologies/Frameworks: HTML, CSS, Javascript, Tailwind CSS, React, MongoDB, Express, Node.js

CS Subjects/Developer Tools: Object Oriented Programming, Database Management System, Vite, Flask, MySQL, Postman, Git, Github, VS Code

EXPERIENCE

ARDENT COMPUTECH PVT. LTD

Aug 2024 - Sept 2024

SUMMER TRAINING PROGRAMME

Haldia, West Bengal

- Machine Learning with Python: Developed supervised and unsupervised models, achieving 93%+ prediction accuracy for Linear Regression and Decision Tree models, and effectively clustering data using K-Means during a summer training program at Ardent Computech Pvt. Ltd.
- AWS Services: Implemented scalable solutions on AWS, utilizing services like EC2, S3, RDS, and Lambda to deploy a login registration form, reducing infrastructure management time by 30%.
- Project: Crop Recommendation System** Built a real-life project using ML, achieving 93%+ prediction accuracy with Linear Regression and Decision Trees, and deployed a Flask-based web interface for real-time recommendations.

PROJECTS

Social Media-Based Suicide Risk Detection using D.L | Python, NLTK, TensorFlow

May 2025

- Built a deep learning-based system to detect suicidal ideation from social media posts with 94% classification accuracy using NLP, Keras models (LSTM, BERT).
- Integrated BDI-II to classify depression severity into 4 levels with 92% precision.
- Deployed the application using Streamlit and Flask for real-time mental health risk assessment.

Disease Prediction System (MediScan) | React.js, Flask, TensorFlow

Apr 2025

- Developed a full-stack AI-powered system for rapid and accurate classification of common skin diseases, achieving 92% accuracy in classifying 4 distinct skin conditions (Eczema, Melanoma, Atopic Dermatitis, Basal Cell Carcinoma) on a diverse dataset.
- Provides instant predictions with confidence scores and tailored home remedies based on the identified condition, enhancing user understanding and preliminary guidance.
- Built a responsive and intuitive user interface with React and Tailwind CSS, deployed on Vercel, integrated with a robust Flask backend utilizing TensorFlow, deployed on Railway.

Personal Portfolio Website | Vite, React.js, TailwindCSS, JavaScript

Nov 2024

- Optimized Performance:** Achieved 30% faster load times using Vite's build optimization and
- SEO Optimization:** Boosted search engine ranking, increasing organic traffic by 50% through structured metadata and best practices.
- Scalability:** Hosted on Vercel, efficiently handling 1,000+ concurrent visitors with minimal downtime.

CERTIFICATIONS

- TCS iON Career Edge – Young Professional course
- Data Structures and Algorithms - Self Paced - Geeksforgeeks
- Learn Python Programming Masterclass - Udemy

ACHIEVEMENT & EXTRACURRICULAR

- Solved 300+ problems on GeeksforGeeks, improving DSA skills in array, string, linked List etc.
- Participated and secured at top 20th position in Hackfest, May 2024, IIT Dhanbad, collaborating, teamwork.
- Participated in Hack Byte 2.0, IIIT Jabalpur hackathon, April 2024.