

Divyansh Saharan

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EDUCATION

Netaji Subhas University of Technology (Formerly NSIT)

Graduation:2026

Bachelor Of Technology, Computer Science and Engineering (CSAI); CGPA: 8.5/10

BGS International Public School

Graduation:2022

Class 10th : 90.2%

Class 12th: 92.6%

SKILLS

Technical: HTML, CSS, JavaScript, EJS, Rest APIs, Node Js, React Js - Vite, Bootstrap, TailwindCSS, MERN Stack, Express, MongoDB, MySQL, Stripe Js, Passport Js, Email Js, Render, Netlify, Matlab, Data Structures & Algorithms (DSA), Operating System (OS), Object Oriented Programming (OOPS), Machine Learning, Data Scraping.

Frameworks and Environment: Numpy, Pandas

Coding Language: C++, C, Python, Javascript

PROJECTS

Ecommerce Website (Technologies used: **NodeJS, Express Js, MongoDB, Stripe Js, Passport Js, EJS, Rest API**)

Web service

01/2024 - 04/2024

- Built a dual marketplace (for sellers and buyers) ecommerce web service.
- Developed features such as **comments, secure payments, wishlist, enlisting and delisting of products, cart functionalities**.

Portfolio Website (Technologies used: **React (Vite), Email Js**)

React based static site

06/2024 - 07/2024

- Portfolio website is a showcase of my work, highlighting my skills in web development and problem solving.
- This website has a detailed description about my projects with **direct messaging** capabilities.

Modified Golden Eagle Optimizer (Technologies used: **MATLAB**)

Improvement of Optimization Algorithm

01/2024 - 03/2024

- Introduced **adaptive step size variability** and **stooping** and a targeted random walk mechanism to improve the algorithm's exploration strategy.
- Improved the performance of the existing algorithm on 40 out of the 59 Benchmark functions from the CEC benchmark suites.

COURSEWORK

Data Science Master Course (Coding Blocks)

05/2024- Present

- Gaining proficiency in Machine Learning and Data Science

Illuminati Program (Coding Blocks)

01/2023- Present

- Gaining Proficiency in DSA using C++, Web Development and Competitive Programming

INVOLVEMENT

Devcomm (Technical Society at NSUT)

- **Senior Executive Committee Member**

05/2024- Present

- **Junior Council Member (DSA Department)**

02/2023 - 05/2024

- Took up offline and online sessions for juniors on DSA in DevWeek event
- Organized Xerocrypt: a 24 hour cryptic hunt event as a moderator

ACHIEVEMENTS

- Selected Among top 5 teams in Innohacks 2024 Hackathon.
- Solved 500+ questions on Leetcode and gained Knight Badge.
- Achieved 3* rating at CodeChef.