AVDHESH VARSHNEY

STUDENT

CONTACT

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SKILLS

Languages - C/C++, Python, JS

Tools - Git/GitHub, Canva, MS Excel

Data Science - ML, DL, NLP, GAN

Data Analyst - Numpy, Pandas, Scipy, Flask, Streamlit

Problem Solving

Web Development - React, Vite, Redux, Node.js, Express, MongoDB

DataBase - DBMS, MySQL

LINKS

GitHub   Hashnode

LinkedIn   LeetCode

HackerRank

EDUCATION

B. Tech in Textile Technology

Dr. B R Ambedkar NIT, Jalandhar

2021 - Present
CGPA - 7.66 (till 5th Semester)

10 + 2 (Science)

Shriji Baba Saraswati Vidya Mandir

2019 - 2020
Percentage - 92.2 %

CERTIFICATES

Machine Learning

Responsive Web Design

DSA in JavaScript

Deep Learning

LANGUAGES

Hindi

English

PROFILE

I am a pre-final year student at Dr. B R Ambedkar National Institute of Technology, Jalandhar, deeply passionate about computer programming. Committed to personal and academic growth, I thrive on using technology to solve complex problems. With a quick learning ability and a team-oriented mindset, I am constantly seeking out new challenges and opportunities to excel.

WORK EXPERIENCE

GSSOC'23 Contributor

Rank: 6th overall among 13000+ applicants.   May, 2023 - Aug, 2023

- Identified and resolved issues, enhancing website performance for GameZone and GameSphere by 20%.
- Utilized HTML, CSS, and JS to ensure a seamless user experience on GitHub Automation Scripts Website.

SSOC 2.0 Contributor

Rank: 1st overall among 5000+ applicants.   May, 2023 - Jul, 2023

- Enhanced Future.WebNet project documentation for 20-25% engagement increased.
- Improved Frontend-Projects website functionality by adding contributors section, many creative projects.

Mentor

JGEC Winter of Code   Jan, 2024 - Feb, 2024

- Administered WebMasterLog project.
- Mentored many new bright minds in open-source world.
- Facilitated engagement in ML, DL, and Web D technologies.

Open-source Contributor

Hacktoberfest	Oct, 2023
CODEPEAK'23	Nov, 2023 - Dec, 2023
KWOC'23	Dec, 2023
IWOC'24	Jan, 2024 - Feb, 2024
SWOC'24	Jan, 2024 - Feb, 2024

PROJECTS

Cardiovascular Diesease Risk Prediction Model

Python, Tensorflow, Flask, HTML, CSS, JS

- Implemented Deep Neural Network (**DNN**) for predicting CVD risk probability.
- Achieved **91.91% accuracy** through hyper-parameter tuning.
- Created a smooth **user-friendly interface** to interact the model.

Online Payment Fraud Detection ML Model

Python, Scipy, Decision Tree Classifier, Flask, HTML, CSS, JS

- Utilized Decision Tree **Classifier Model** for fraud prediction.
- Achieved **99.97% accuracy** through hyper-parameter tuning.
- Integrated model with front-end using **Flask framework** and created a user-friendly website.

Bingo Game

HTML, CSS, Bootstrap, JavaScript

- Designed scalable gaming platform for **10 players**.
- Developed entry, congratulation, draw pages with **sound effects** and background music.
- Implemented **smooth transitions** and functionality for an outstanding user experience.

Chanakya Niti

React, Vite, Node, JS, Bootstrap

- Developed a website offering **audio episodes** and lifestyle thoughts from Chanakya Niti.
- Implemented a **dark theme** and ensured **full responsiveness** for optimal user experience.
- Incorporated a feature to **access PDF books** related to Chanakya's economic philosophy.

Web Master Log

React, Vite, Node, Express, JS, Bootstrap

- Developed Web Master Log, an **open-source project** showcasing diverse tech projects on a comprehensive, fully responsive website with a dark theme and **modern styling**.