Avdhesh Varshney

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PROFILE SUMMARY

A pre-final year student at Dr. B R Ambedkar National Institute of Technology, Jalandhar, with a passion for computer programming and a focus on data science. Experienced in data science projects and proficient in the tools required for the Senior Development Engineer role of a Data Scientist and Analyst. Eager to leverage skills and experience to contribute effectively to your team.

EXPERIENCE

Social Winter of Code *Top 50 Contributor*   Jan'24 - Mar'24
- Secured the 5th position demonstrating exceptional analytical and critical thinking skills.

JGEC Winter of Code *Project Admin and Mentor*   Jan'24 - Feb'24
- Currently serving as Project Admin, successfully merging 50+ quality PullRequests, adding new features.

Code Peak *Top 50 Contributor*   Dec'23 - Jan'24
- Recognized as a Top Performer globally, securing the 23th Rank contributing to over 5 outstanding projects.

Girlscript Summer of Code *Rank: 6th overall among 13000+ applicants.*   May'23 - Aug'23
- Identified and resolved issues, enhancing website performance for GameZone and GameSphere by 20%.

Social Summer of Code *Rank: 1st overall among 5000+ applicants.*   May'23 - Jul'23
- Recognized as a top most contributor and performer by demostrating exceptional critical and anaytical thinking skills.

PROJECTS

Image De-Blurring Application *Python, Tensorflow, Open-CV, Streamlit*   April'24
- Fine tuned application, built on the dataset of Celeba pictures with auto-encoder and de-blur-CNN model and gives accuracy 89%.
- Crafted an intuitive interface using Streamlit, showcasing expertise in computer vision and CNN.

Face Attraction Detection Application *Python, Tensorflow, Open-CV, Flask, HTML, CSS, JS*   Mar'24
- Engineered the "Face Attraction Detection Application" leveraging CelebA dataset, delivering an impressive 80% accuracy.
- Crafted an intuitive interface with integration via Flask, showcasing expertise in computer vision and web development.

Cardiovascular Diesease Risk Prediction Model *Python, Tensorflow, Flask, HTML, CSS, JS*   Feb'24
- Predicting CVD risk probability, achieving 91.91% accuracy through hyper-parameter tuning.
- Created a user-friendly interface with HTML, CSS, and JavaScript to interact with the model via Flask.

Online Payment Fraud Detection Model *Python, Scipy, Decision Tree Classifier, Flask, HTML, CSS, JS*   Jan'24
- Implemented a Decision Tree Classifier Model and achieving an accuracy of 99.97%.
- Integrated the model with a user-friendly website using Flask, HTML, CSS, and JavaScript.

Chanakya Niti *React, Vite, Node, JS, Bootstrap*   Jan'24
- Developed a website offering audio episodes and lifestyle thoughts from Chanakya Niti.
- Implemented a dark theme and ensured full responsiveness for optimal user experience.

Bingo Game *HTML, CSS, Bootstrap, JavaScript*   May'23
- Designed a gaming platform for 10 players showcasing my front-end skills.
- Developed entry, congratulation, draw pages with sound effects and background music.

EDUCATION

Dr. B R Ambedkar NIT Jalandhar   Dec 2021 - July 2025
Bachelor of Technology (Textile Technology)   GPA: 7.66/10

SKILLS

Languages:	C/C++, Python, HTML, CSS, JavaScript
Tools:	Git/GitHub, Canva, Webpack, VS Code, MS Excel, MySQL, PowerBI, Tableau ChatGPT
Frameworks/Libraries:	React, Node.js, Express Js, MongoDB, Redux, Material-UI, Open-CV, Tensorflow, Pytorch, Flask, Streamlit
Data Science:	Numpy, Pandas, Matplotlib, ML, DL, NLP, GAN-AI, Problem solving
Soft skills:	Communication, Professional in time management & Teamwork

HONORS AND AWARDS

- Solved 1000+ problems on *Leetcode, GFG, Codeforces* and *Hackerrank*.
- 2 star at *CodeChef*.
- 1522 - Highest Rating on LeetCode.