

AVDHESH VARSHNEY

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EDUCATION

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- **Dr. B R Ambedkar NIT Jalandhar, India** **CGPA: 7.66**
 - BTech (Textile Technology), Graduation Year
 - **Shriji Baba Saraswati Vidya Mandir, Mathura, India** **Percentage: 92.2%**

WORK EXPERIENCE

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- **GirlsScript Summer of Code** **May'23 - Aug'23**
Rank: 6th overall among 13000+ applicants.
 - Utilized HTML, CSS, and JS to ensure a seamless user experience on **GitHub Automation Scripts** Website.
 - Identified and resolved issues, enhancing website performance for **GameZone** and **GameSphere** by 20%.
 - Implemented new features leading to a 15% increase in user engagement for **Dev Geeks**.
 - **Social Summer of Code** **May'23 - July'23**
Rank: 1st overall among 5000+ applicants.
 - Enhanced **Future.WebNet** project documentation for 20-25% engagement increased.
 - Improved **Frontend-Projects** website functionality by adding contributors section, many creative projects.
 - Mentored newcomers for 50% newbie engagement rise.
 - **JGEC Summer of Code** **Jan'24 - Feb'24**
 - Administered **WebMasterLog** project.
 - Mentored many new bright minds in open-source world.
 - Facilitated engagement in ML, DL, and Web D technologies.

PROJECTS

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- **Bingo Game | HTML, CSS, 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.
 - **Cardiovascular Disease 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, XGBoost, 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.

TECHNICAL SKILLS

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- Languages: C/C++(Proficient), Python, Javascript
 - Full Stack Development : HTML, CSS, Javascript, Node.js Backend, React.js, Vite
 - Database: Mysql
 - Data Science: NLTK, NLP, Standard ML Algorithms(Regression, Classification, Clustering), DL
 - Data Analysis: Numpy, Pandas, Matplotlib
 - DeveloperTools: VSCode, Git, Eclipse, ChatGPT

HONORS AND AWARDS

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- **Solved 800+ problems** on Leetcode, GFG, Codeforces and Hackerrank.
 - 2 star at **CodeChef**.
 - 1522 - Highest Rating on LeetCode.