

# Harshit Jaiswal

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## EDUCATION

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**Vellore Institute of Technology, Bhopal**

Bachelor of Technology in Computer Science Engineering.

2021 Onwards

GPA: 7.97

## SKILLS

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**Programming Languages:** Python, Java, SQL, R language, MERN.

**Platforms and Frameworks:** Google Cloud, GitHub.

**Other Technologies:** Data Analytics , Web development, Software development HTML/CSS.

**Soft Skills :** Flexibility, Project Management, Creativity, Scheduling.

## PROJECTS

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### Coronary Heart Disease Predictor

11/2023 - 03/2024

- Engineered and deployed sophisticated ML and Ensemble models to predict coronary heart disease risk, achieving a remarkable 91.8% accuracy rate with the CatBoost algorithm, enhancing early detection capabilities significantly.
- Developed advanced predictive analytics using Python and machine learning, employing Pandas for data processing; achieved a 30% improvement in forecast accuracy and enhanced transparency via explainable AI (XAI) techniques.
- Conducted thorough data preprocessing and feature engineering, resulting in 100% recall and an F1 score of 94.6%.

### Study Buddy

12/2022 - 01/2023

- Developed a collaborative learning platform featuring note sharing, quizzes, and forums to enhance student engagement and knowledge retention.
- Engineered a dynamic and interactive interface using React.js, Node.js, Express.js, and MongoDB, improving performance and user experience.
- Collaborated with a team of 5 members, contributing as the Front-End Developer, designing an intuitive and responsive UI with React.js and Tailwind CSS.

### ORCA - Advertising Platform for Small Businesses

01/2023 - 04/2023

- Built a cost-effective advertising platform for small businesses to promote local deals and offers, enabling customers to personalize ad preferences and discover local discounts.
- Developed a full-stack MERN application, implementing React.js for the front end, Node.js and Express.js for the backend, and MongoDB for data management.
- Worked alongside a team of 5, contributing as the Front-End Developer, creating a seamless and visually appealing interface with React.js, Material UI, and Redux for state management.

## CERTIFICATIONS

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- Cloud Digital Leader, Google Cloud Platform 02/2024
- Externship certificate in AIML by Smartinternz. 02/2024
- Fundamentals of Data Analytics LEAPS, (Future skills prime) 05/2023
- Microlearning course in Data Science from BOORD, (Future skills prime) 05/2023

## EXTRACURRICULAR

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- Directed a team of 5 in developing and presenting a project exhibition, resulting in high engagement and positive feedback.

- Led 10+ academic presentations, facilitating collaboration among team members and achieving a 95% audience engagement rate.

## ACHIEVEMENTS

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- Solved over 160+ coding problems on GFG.
- Secured 2nd rank in the school while participating in the prestigious 12th Navodaya Talent Search Contest 2016-1017. Organized by Navodaya Educational Society and Welfare Committee, Bhopal (NTSC/16/NTSC1601148).
- Achieved 4 Star Coder rank in DBMS on HackerRank, showcasing advanced skills.

## ADDITIONAL

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- **Languages:** Fluent in Hindi, English.
- **Hobbies:** Playing Chess, Cricket, listening music.