

HARSHRAJSINH ZALA

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Education

VIT University

Bachelor of Technology in Computer Science and Engineering; CGPA : 8.14

Sep 2022 - May 2026

Vellore, Tamil Nadu

Puna International School

State Class XII; 86%

2022

Gandhinagar, Gujarat

Vatsalya International School

CBSE Class X; 94%

2020

Borsad, Anand, Gujarat

Relevant Coursework

- Data Structures
- Algorithms
- Database Management
- Artificial Intelligence
- Operating Systems
- Computer Networks

Experience

Core Committee Member

The Matrix Club

Feb 2024 - Current

VIT University

- Manage projects and lead the Photography and Video editing unit
- Successfully conducted and managed events in the fest 'Gravitas' and 'Riviera' in VIT
- Worked on outreach and PR for the club events and hacakthons, and refined my social and teamwork skills.

Projects

Travel Tales | Next.js, Tailwind CSS, Firebase

Feb 2025

- Developed a travel-centric web application using Next.js for seamless performance and dynamic content rendering.
- Implemented Firebase for user authentication and data storage, ensuring a secure and scalable backend.
- Designed a modern and responsive UI using Tailwind CSS to enhance user experience and accessibility.

CSS Generate | Next.js, Tailwind CSS

Nov 2024

- Developed a web application using Next.js to generate customizable CSS code efficiently.
- Implemented Tailwind CSS for a clean, modern, and responsive UI design.
- Designed an intuitive user interface to simplify CSS generation for developers and designers.

ShopNest | Next.js, Tailwind CSS, Node.js, MongoDB

August 2024

- Developed a full-stack e-commerce platform with product listings, user authentication, and a shopping cart.
- Implemented a secure backend using Node.js and MongoDB for efficient data management.
- Designed a modern and responsive UI with Tailwind CSS for an enhanced user experience.

Credit Card Spend Data Analytics | Pandas, Numpy, Scipy, Seaborn

May 2024

- Analysed patterns in credit card transactions in India using a multi-variate dataset.
- Tested hypothesis and grouped findings by Gender, City, Card Type, and Expense Type using Student's T-test.

Spotify Clone | HTML/CSS/JS, React

Mar 2024

- Implemented core features such as play, pause, stop, shuffle, and playlist management.
- Designed a responsive and interactive user interface.

Technical Skills

Languages: Python, Java, C/C++, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Jupyter Notebook

Libraries: Numpy, Pandas, Matplotlib, TensorFlow, React

Technologies/Frameworks: Node.js, Express.js, GitHub

Co-curricular

Escape the Matrix 2.0

Feb 2024

- Managed the overall flow of the event, ensuring smooth operations from start to finish.
- Collaborated with various stakeholders to ensure all aspects of the event were executed effectively.