

RONIT RAJ BAIRWA

MHOW, Indore, Madhya Pradesh

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Education

NIT Trichy

Master of Computer Applications (7.43 CGPA)

Govt. Holkar Science College, Indore

Bachelor of Science (63.89 CGPA)

Rajeshwar Hr. Sec. School, MHOW

Class XII - CBSE (80.00%)

Rajeshwar Hr. Sec. School, MHOW

Class X - CBSE (8.4 CGPA)

Aug 2022 - June 2025

Trichy, India

July 2018 - July 2021

Madhya Pradesh, India

July 2016 - May 2018

Madhya Pradesh, India

July 2014 - May 2016

Madhya Pradesh, India

Projects

Trail Tracker | *React, ExpressJS, NodeJS, MySQL, Tailwind CSS*

- An **interactive React-based** travel tracker that allows users to log visited cities on a world map, add personal notes, and view a compiled list of visited locations
- Implemented **dynamic map** interactions including adding/removing cities, viewing city details, and optional external info links to enhance the travel-logging experience.
- Designed an extensible architecture with support for basic user authentication, clean UI components, and scalable state management for storing and revisiting travel history.

FashioVision - A Modern Shopping Solution | *ReactJS, ExpressJS, NodeJS, MongoDB, Tailwind CSS*

- **Designer-Centric E-commerce Platform** with a Designer Dashboard where designers can manage their portfolios and products, ensuring a seamless user experience.
- Implemented secure, role-based access control with **JWT** authentication, ensuring differentiated permissions for designers, admins, and customers.
- Created a clean, minimal, and mobile-friendly interface, ensuring scalability and adaptability across devices.

FashioVision : Virtual Try On | *- Python, DL*

- **FashioVision Virtual Try On** (trying clothes virtually) is a promising application of the Generative Adversarial Network (GAN) to try clothes virtually.
- This project aims to produce photo-realistic translated images through semantic segmentation and a generative adversarial architecture-based image translation network.

Technical Skills

Languages: C, C++, JavaScript, Python, SQL.

Technologies/Frameworks/Libraries: ReactJS, ExpressJS, NodeJS, Tailwind CSS.

Databases: MongoDB, MySQL.

Core Subjects: Data Structures and Algorithms, Operating Systems, Database Management Systems, OOPs.

Areas of Interest

- DBMS
- Web Development
- Data Structures and Algorithms
- Artificial Intelligence

Achievements

- Secured **All India Rank 271** in National Level MCA Entrance Exam NIMCET 2022
- **Global Rank 655** in Starters 126 by Codechef
- **Global Rank 3275** among 27.9k participants in Weekly Contest 421 by Leetcode.
- **Global Rank 910** in Starters 148 by Codechef