

Aryan Paresh Patel

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY

Bachelor of Technology, Computer Science & Engineering
Cumulative GPA: 8.85

Bhopal, Madhya Pradesh
Expected September 2026

KD AMBANI RELIANCE FOUNDATION SCHOOL

Higher Secondary Schooling (12th Standard)
Percentage: 75%

Jamnagar, Gujarat
March 2022

KD AMBANI RELIANCE FOUNDATION SCHOOL

Secondary Schooling (10th Standard)
Percentage: 89.6%

Jamnagar, Gujarat
March 2020

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript

Databases: MySQL, MongoDB

Tools & Others: Git & GitHub, Excel, Power BI

Frameworks & Libraries: React, Express.js, Node.js

WORK EXPERIENCE

JIO Platforms Ltd. ([Certificate](#))

Data Analyst Intern

Mumbai, India
Sept 2024 – Nov 2024

- Developed a sales forecasting model for an apparel dataset (January 2022 - March 2024) to predict daily sales for March 2024.
- Conducted extensive exploratory data analysis (EDA) to identify key sales trends and patterns.
- Engineered predictive features such as Day, Month, Day of Week, and various moving averages (3, 7, and 30-day) to enhance model accuracy.
- Implemented and evaluated a SARIMAX (Seasonal Autoregressive Integrated Moving Average with exogenous variables) model, which demonstrated satisfactory performance.

PROJECTS

VOYAGE VISTA ([GitHub Link](#))

- Engineered a full-stack travel platform using the MERN stack (MongoDB, Express.js, React, Node.js), delivering a 100% mobile-responsive interface tested across desktop, tablet, and mobile devices.
- Designed RESTful APIs with Node.js and Express.js to support full CRUD operations, managing 50+ tour listings, hotel itineraries, and community reviews.
- Implemented advanced interactive features including location-based search and filters, AI-powered chatbot, personalized recommendation engine, and review system, reducing search time and improving user engagement significantly.
- Integrated secure user authentication and authorization using JWT (JSON Web Tokens), safeguarding all user sessions and ensuring secure sign-up/login processes.

THE DAILY COMPASS ([GitHub Link](#))

- Engineered a full-stack blog application** using the MERN stack (MongoDB, Express.js, React, Node.js) to create a dynamic platform for content creation.
- Integrated Google Gemini API** to generate AI-powered blog content and summaries, which improved content quality and significantly reduced article creation time.
- Utilized the ImageKit API** for efficient media management, including image uploads, resizing, and optimization, to ensure fast loading speeds and a seamless user experience.
- Implemented secure user authentication and authorization** using JWT (JSON Web Tokens), safeguarding user data and ensuring secure sign-up and login processes.

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

CAPTAIN, INTER-COLLEGE FOOTBALL TOURNAMENT

Feb 2025

- Led an 18-member team to a silver medal; designed training drills that improved team passing accuracy by **25%**.
- Coordinated with coaches to schedule matches and analyze opponent strategies, contributing to a **10% increase in win rate**.

CERTIFICATES

- [Cloud Computing – NPTEL](#)
- [Marketing Analysis – NPTEL](#)