

Aryan Paresh Patel

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY

Bachelor of Technology

Major in Computer Science

Cumulative GPA: 8.96/10.0

Bhopal, Madhya Pradesh

Expected September 2026

KOKILABEN DHIRUBHAI AMBANI RELIANCE FOUNDATION SCHOOL

Higher Secondary Schooling (12th Standard)

Science Group A

Percentage: 75%

Jamnagar, Gujarat

March 2022

KOKILABEN DHIRUBHAI AMBANI RELIANCE FOUNDATION SCHOOL

Secondary Schooling (10th Standard)

Percentage: 89.6%

Jamnagar, Gujarat

March 2020

TECHNICAL SKILLS

Programming & Frameworks: Python, Java, JavaScript, Node.js, React, Express.js, TypeScript

Databases: MongoDB, PostgreSQL

Web Development: HTML, CSS, Tailwind

Tools & Others: Git, Version Control Tools

Core Subjects: Operating System, Database Management System, Computer Networks, OOPs, Data Structures & Algorithms

WORK EXPERIENCE

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

Data Analyst Intern

Mumbai, India

Sept 2024 – Nov 2024

- Built a SARIMAX forecasting model in Python to predict commodity prices with **85% accuracy**, **reducing manual efforts by 30%** and **cutting procurement costs by 15%**.
- Analyzed market trends for **5+ product categories using SQL and Python**, improving profit margins by 7% through data-driven strategies.
- Automated ETL pipelines with PySpark and SQL, **slashing report generation time by 40%** and reducing errors by **25%**.
- Created Power BI dashboards to visualize insights and present findings to leadership, enhancing data driven decision making across teams.

UNIVERSITY PROJECTS

VOYAGE VISTA

- Developed a full-stack travel platform featuring **50+ Indian landmarks using MERN stack** (MongoDB, Express, React, Node.js), deployed with **500+ monthly active users** and achieving 4.2/5 rating for functionality and design.
- Implemented user authentication (JWT/OAuth) and personalized itinerary tools, increasing average session duration to **2.5 minutes** and boosting user retention by 20% through customized travel recommendations.
- Optimized MongoDB queries and API endpoints, reducing response time by **35%** and improving application scalability to handle **100+ concurrent users** during peak traffic.
- Integrated real-time hotel booking APIs (e.g. MakeMyTrip) and interactive google maps, enabling users to compare deals and plan routes, resulting in **30%** faster trip planning compared to similar platforms.

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**.

GOLD MEDALIST, INTER-BRANCH CRICKET TOURNAMENT

Feb 2024

- Spearheaded team strategy as opening batsman, scoring **150+ runs** in the tournament finals.
- Mentored Junior players, resulting in 3 new selections for the Inter-Branch Tournament.

CERTIFICATES

Certifications & Training: [The Bits and Bytes of Computer Networking - Google](#) ; [Cloud Computing – NPTEL](#) ; [Simulink Onramp - MATLAB](#) ; [Marketing Analysis – NPTEL](#)