KAUSHAL PATEL

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EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology	**CPI : 7.8 / 10**
B.Tech in Information and Communication Technology with minors in Computational Science	*November 2020 – Present*
Shree Narayana Guru Vidyalaya, Ahmedabad	**81%**
Gujarat State Education Board, HSC	*2018 – 2020*
Shree Narayana Guru Vidyalaya, Ahmedabad	**90%**
Gujarat State Education Board, SSC	*2017 – 2018*

TECHNICAL SKILLS

Languages: C/C++, Javascript, HTML/CSS, Python

Tools & Technologies: React, Node.js, MongoDB, SQL(Postgres) & NoSQL, Git & Github

Electives: Web Development, Data Structure & Algorithm (DSA), Object Oriented Programming (OOPS), Database and Management System (DBMS), High-Performance Computing (HPC), Software Engineering

EXPERIENCE

Summer Research Internship	**May 2023 – July 2023**
Dhriubhai Ambani Institute of Information and Communication Technology (DA-IICT)	*Gandhinagar, GJ*

- Created a framework that integrates the power of Deep Learning (DL) with traditional computational techniques to effectively tackle the challenge of significantly reducing runtime in 2D Plasma Simulation.
- Techstack: Python, C, and Python libraries like Tensorflow, ctypes, NumPy

PROJECTS

DA-SH | *React, NodeJS, MongoDB, ExpressJS* *(Github)*	**January – April 2023**

- We built a MERN Stack-based Learning platform for College Students and Professors where anybody can teach and learn from each other. Implemented all the basic CRUD operations.

Purveying F.E.E. | *React, NodeJS, MongoDB, ExpressJS* *(Github)*	**September 2022**

- We built a MERN Stack-based Web Application in which we made a platform where needful people can find an N.G.O. near them.

Zoo-B-DB | *React, NodeJS, PostgreSQL, ExpressJS* *(Github)*	**November 2022**

- Designed SQL database management system for all the Zoos/National Parks. Drafted SRS, Developed Normalized Schema and implemented the DBMS on PostgreSQL

ACHIEVEMENTS

- 1st place in Winter of Code 3.0 (organized by MSTC, DA-IICT)
- 2nd place in the National-Level hackathon - **Hackout'22** (Team Size: 4)
- JEE Main: Secured 99.38 percentile

POSITION OF RESPONSIBILITIES

Convener	**August 2022 - August 2023**
Cubing Club, DA-IICT	
Core Member	**July 2022 - August 2023**
Microsoft Student Technical Club, DA-IICT	
Mentor	**January 2023**
Winter of Code 5.0 by MSTC	
Organizer	**March 2023**
Synocubix 2023	