

# KAUSHAL PATEL

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## EDUCATION

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

## TECHNICAL SKILLS

**Languages:** C, C++, Javascript, HTML, CSS, Python,  
**Tools & Technologies:** MERN Stack, React, Node.js, MongoDB, SQL & 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

<b>Summer Research Internship</b> <i>Dhriubhai Ambani Institute of Information and Communication Technology</i>	<b>May 2023 – July 2023</b> <i>Gandhinagar</i>
<ul style="list-style-type: none"><li>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.</li><li>Techstack: Python, C, and Python libraries like Tensorflow, ctypes, NumPy</li></ul>	

## PROJECTS

<b>DA-SH</b>   <i>React, NodeJS, MongoDB, ExpressJS</i> ( <a href="#">Link</a> )	<b>January – April 2023</b>
<ul style="list-style-type: none"><li>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.</li></ul>	
<b>Purveying F.E.E.</b>   <i>React, NodeJS, MongoDB, ExpressJS</i> ( <a href="#">Github</a> )	<b>September 2022</b>
<ul style="list-style-type: none"><li>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.</li></ul>	
<b>Zoo-B-DB</b>   <i>React, NodeJS, PostgreSQL, ExpressJS</i> ( <a href="#">Github</a> )	<b>November 2022</b>
<ul style="list-style-type: none"><li>Designed SQL database management system for all the Zoos/National Parks. Drafted SRS, Developed Normalized Schema and implemented the DBMS on PostgreSQL</li></ul>	

## 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

<b>Convener</b> <i>Cubing Club, DA-IICT</i>	<b>August 2022 - August 2023</b>
<b>Core Member</b> <i>Microsoft Student Technical Club, DA-IICT</i>	<b>July 2022 - August 2023</b>
<b>Mentor</b> <i>Winter of Code 5.0 by MSTC</i>	<b>January 2023</b>
<b>Organizer</b> <i><a href="#">Synocubix 2023</a></i>	<b>March 2023</b>