

# ARYAN PATEL

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## Education

**Dhirubhai Ambani Institute of Information and Communication Technology** July 2019 – Present  
*B.Tech, Information and Communication Technology* Gandhinagar, Gujarat

**Sahjanand School of Achiever** 2017 – 2019  
*HSC (GSHEB)* Gandhinagar, Gujarat

**K.R.Raval School** 2016 – 2017  
*SSC (GSEB)* Ahmedabad, Gujarat

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Machine Learning
- Software Engineering
- Competitive Coding
- Database Management
- Operating System
- OOPs

## Experience

**ACW Technologies:** May 2022 – July 2022  
*React Developer Intern* Ahmedabad, Gujarat

- Developed a web application using react that helps employees easily track the time they spend on projects and tasks.
- Created a new features and functionalities after taking the reviews of the employees.
- Experienced the technical activities for project management like daily scrum, backlog etc. Participated in team building exercises.

**BMP Project** August 2022 – Present  
*Software Engineer* Gandhinagar, Gujarat

- In this course we are working on a live industrial project under prof. Lavneet Singh at DAIICT. The project is based on Database System and is implemented using C++ and JAVA. Our main task is to debug the given problems in the code base.

## Projects

**Salary Management System** | *Python, Django, PostgreSQL,* January 2021

- The project was based on RDBMS implemented using PostgreSQL. We Prepared SRS document and also designed ER-model diagram and Relational Model and implemented using PostgreSQL.

**Computation Model of Epidemic Spread** | *Matlab, LaTeX* March 2022

- This project is based on SIR model of epidemic spread that aims at studying the epidemic spread relying on factors like infection and recovery rates under some ideal conditions of the model. It proves the threshold theorem of epidemiology.

## Technical Skills

**Languages:** Java, C, C++, HTML/CSS, JavaScript, SQL

**Developer Tools:** VS Code, LaTeX, Matlab

**Technologies/Frameworks:** Linux, Django, ReactJS, Git, GitHub

## Leadership / Achievements

**Synapse DAIICT** February 2020  
*Volunteer* DAIICT

- 5 star coder in C++ and Python and 3 star coder in problem solving on Hackerrank.
- 3 star coder at Codechef with max rating-1609.
- Solved 350+ questions on Leetcode with contest rating 1569.

## Interests

- Cricket and Badminton
- Watching web series, movies, travelling and food vlogs
- Teaching