MONDAL RAHUL KANCHAN

Information & Communication Technology (ICT) Engineer

CONTACT ME

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EDUCATION

Pandit Deendayal Energy University, Gandhinagar, Gujarat, India

B.Tech in ICT   2021 - 2025

Current CGPA : 8.33

Shree P.V. Modi High School, Jamnagar, Gujarat, India

Senior Secondary   2021

Aggregate Percentage: 61.23%

Matriculation   2018

Aggregate Percentage: 93.83%

SKILLS

- MySQL
- C/C++
- Java
- Python
- MATLAB
- Arduino
- Information Security
- XML/HTML/CSS
- MS Office/ Canva
- Notion Workspace
- Soft Skills
- Logisim
- Blender

LANGUAGES

English (Fluent), Hindi (Fluent), Gujarati (Moderate), Bengali (Moderate)

CAREER OBJECTIVE

Eager and driven, I am an undergraduate student specializing in Information and Communication Technology. Passionate about technology and innovation, I aspire to apply my expertise in ICT concepts, programming proficiency, and adept problem-solving skills to make a meaningful impact in a dynamic industry. My quest for experiential learning leads me to seek opportunities where I can collaborate with diverse teams and apply my classroom knowledge to real-world projects. I am devoted to perpetual learning and brimming with excitement to delve into the burgeoning trends in the ever-evolving realm of technology.

WORK EXPERIENCE

Sky Mavericks Team| Aerothon 2023, SAE, India   **2023**
Flight Controller (FC) Department head
Served as the FC head of Sky Mavericks Team, participating in Aerothon '23 competition, organized by the Society of Automotive Engineers (SAE), India. My role was to select the particular FC for the UAV as per provided problem statement and autonomous mission planning.

Avionics Club| PDEU   **2023**
Graphic Designer
To generate greater engagement online:
- Utilized Canva design software to create engaging graphics and visuals, building proficiency with the platform's tools and features for content creation

Karmveer Charitable Trust| Ahmedabad, Gujarat, India   **2022**
Aryavrat Nirman Charitable Trust| Patan, Gujarat, India
Civic and Social Intern
- Documented projects
- Engaged with the community
- Effectively assessed ethical, cultural and social impact

PROJECTS

- Designed 8085 microprocessor architecture in Logisim to gain proficiency with fundamentals like control unit, ALU, registers, and buses.

- Developed RC drone by selecting optimal components; created autonomous navigation algorithms in Python.

- Programmed classic mini games like Snake, Sudoku, and Tic Tac Toe from scratch using C.

- Built obstacle avoidance and line following 4WD robot using Arduino.

INTERESTS

- Writing poetry, sketching, learning about fictional universes, gaming, storytelling.