Pratik Raj
Final Year Undergraduate | Indian Institute of Technology(IIT) Gandhinagar
Major: Electrical Engineering | Minors: Computer Science and Engineering

pratik.raj@iitgn.ac.in
+919955100555
Github

Education

Degree	Institution	CPI/%	Year
B.Tech	IIT Gandhinagar	7.7	2020 - Present
Class XII	St. Anne's High School, Patna	92	2018-2019
Class X	St. Anne's High School, Patna	10.0	2016-2017

Projects

- **Project Course, Deep Learning IITGN (Link)**   **[August-December 2022]**
  - Worked as one of the members of a group of three people.
  - Learned intermediate-level Python skills, Data Augmentation and neural networks.
  - Contributed to creating an augmented dataset and implementing the model and the final execution.
  - Built a BinaryImage Classifier using the VGG-16 model.
- **Course Project, Databases, IITGN (Link)**   **[January-April 2023]**
  - Worked as a member of a group as a database designer.
  - Learned RDBMS, MySQL, and NoSQL.
  - Contributed as a database engineer.
  - Created a database for the food delivery web application.
- **Portfolio Website Development (Link)**   **[May-June 2023]**
  - Developed a dynamic and visually appealing personal portfolio website using HTML, CSS, and JavaScript to showcase skills, projects, and achievements.
  - Implemented responsive design principles to ensure an optimal user experience across various devices and screen sizes, enhancing accessibility and usability.
  - Ensured responsive design for optimal user experience across devices, enhancing accessibility.
- **Project Course, Data Analysis, Applied Statistics, IITGN**   **[January-April 2022]**
  - Learned how to handle the dataset and Python libraries(Pandas, Numpy, Matplotlib, Seaborn).
  - Performed exploratory data analysis (EDA) to identify critical trends and patterns in customer tipping behaviour.

Positions of Responsibility

- **Organizer of HallaBol, the Intra-College Sports Tournament.**   **[March-April 2022]**
  - Organised a 15-day sports tournament involving over 500 students and faculty.
  - Organised around 100 Badminton Matches as a team of 1 Coordinator and 5 General Members.
- **Event Executive, Blithchron'21 (Annual Cultural Festival, IIT Gandhinagar)**   **[Jan'21-Jul'21]**
  - Successfully tackled the problems and coordinated with other team members to organise 9-10 events for Blithchron, the annual cultural festival of IIT Gandhinagar.
  - It allowed me to unveil my communication and management skills.

Achievements

- The Maker Bhavan project was selected as the best project in that project course.   **[2022]**
- Runnerup in EnQuizitive 3.0 Quiz at IITGN.   **[2022]**

Skill Summary

- **Languages:**   C/C++, Python, R, Socket Programming, Verilog, HTML, CSS, JS, MySQL, Flask.
- **Tools:**   Linux, Git/Github, Arduino, Colab, Wireshark, AWS(EC2), WordPress, MATLAB, LTSpice(Circuit Designing), UGS, Keil uvision5, TinkerCAD, Nmap.

Extra-Curricular Activities

- Photography(IITGN Club), Badminton, Competitive Programming, Web development.