



Aman Kumar Bharti

Roll No.: 2204017

Bachelor of Technology

Electronics and Communication

National Institute of Technology, Patna

+91-9262226853

akbharti2448@gmail.com

amanb.ug22.ec@nitp.ac.in

GitHub Profile

LinkedIn Profile

EDUCATION

- **National Institute of Technology, Patna** 2022-26
BTech in Electronics and Communication CGPA: 7.04
- **G.D.S Academy, Raxaul** 2019-21
CBSE Board, Class 12th, Bihar Percentage: 63.4
- **G.D.S Academy, Raxaul** 2018-19
CBSE Board, Class 10th, Bihar Percentage: 81.8

PERSONAL PROJECTS

- **Personal Portfolio Website || HTML, CSS, JavaScript** View
Designed a captivating website to showcase my skills, experiences, and projects.
 - Developed a website to display my skills, experiences, and projects. It helps employers and clients see what I can do in a clear and attractive way.
 - Added interactive features like image hover effects, project displays, and smooth animations to make my accomplishments and projects stand out. These features make the website interesting and engaging for visitors.
- **Capsule Endoscopy Image Analysis || Deep Learning (Minor Project – College)**
Developed an end-to-end deep learning pipeline for analyzing capsule endoscopy images to assist in medical diagnostics.
 - Built models for multi-class classification, polyp detection, and segmentation using PyTorch and Torchvision.
 - Implemented ResNet-18 for classification, Faster R-CNN for object detection, and a CNN-based model for segmentation, achieving accurate results on a custom dataset.
 - Designed data preprocessing, training, and visualization workflows for efficient and interpretable medical image analysis.
- **Weather App || HTML, CSS, JavaScript** View
Designed a captivating website to showcase my skills, experiences, and projects.
 - Developed a responsive web app that fetches and displays real-time weather data for any city using the OpenWeatherMap API.
 - Shows temperature, humidity, wind speed, and dynamic weather icons with an interactive UI.
- **Spotify Clone || Front-End Development** View
Developed a Spotify-like web application to demonstrate front-end development skills.
 - Developed a Spotify-like web application to demonstrate front-end development skills.
 - Built a responsive music player interface using HTML, CSS, and JavaScript, enabling users to browse and play songs.
 - Implemented interactive UI components and dynamic content rendering to enhance user experience.
 - Showcased skills in layout design, styling, and DOM manipulation for a real-world web application.

TECHNICAL SKILLS AND INTERESTS

Languages: Java, Python, HTML, CSS, Javascript, Latex, Reactjs

Developer Tools: VS Code, Git, GitHub

Soft Skills: Communication Skills, Collaboration, Problem-Solving, Adaptability, Leadership and Initiative, Cultural Fit

Coursework: Introduction to Computing, Electronics device and Circuit, OOPS, DSA, Network Theorem, Communication Engineering, Microprocessor and Microcontroller, Cyber Security, AI ML, MicroWave Engineering, Control System, Advance Communication Engineering, VLSI, Antenna Wave Propagation, Wireless Communication.

Database: mysql, Cloud Computing

CODING PROFILES

- **Leetcode** : [View Profile](#)
- **GeeksforGeeks** : [View Profile](#)
- **codechef** : [View Profile](#)
- **codeforces** : [View Profile](#)