Gourab Chowdhury

Final year Bachelor of Technology (B.Tech)
Electronics and Communication Engineering (ECE)
National Institute of Technology Rourkela, Odisha, India

Institute Hostel, NIT Rourkela, Odisha
Permanent add: Chattogram, Bangladesh
Email: gourabchowdhury16@gmail.com
GitHub: Gourab-Chowdhury
LinkedIn: Gourab-Chowdhury

Education

- B.Tech. ECE Final year, *2021 - Now*
National Institute of Technology, Rourkela; Odisha, India
- Higher Secondary School Certificate, *2018 - 2020*
Chattogram Govt. Model School and College; Chattogram, Bangladesh

Experience

- **Frontend Developer Inter at Technocolab Soft. Pvt. Ltd.** March 2024 – April 2024
  - Developed and implemented five new ReactJS components for the company website, enhancing user interface responsiveness by 40% and decreasing page load times by 15% with HTML, CSS, and JavaScript.
- **Research Intern** May 2023 - July 2023
  - As a research intern in Indian Institute of Technology, Mandi, I designed and implemented a deep learning algorithm using Yolov8 to predict Cancer, bone fracture and lungs infection, achieving 92% accuracy in predicting thermal expansion coefficients and saving 40 hours of manual calculations.

PROJECTS

- **IoT based smart Entrance system: Facial Recognition and Number Plate Detection** August *2024 - Now*
  - Developing a real-time system for Human face detection via CCTV feeds using one shot learning techniques and number plate detection using PaddleOCR Technology. Use SQlite3 and MongoDB for database management and Flask for backend development.
- **DAILY DIGEST: Your personalized Blogging Platform**
  - Designed and implemented the 'Daily Digest' blogging platform using HTML5, CSS3, JavaScript, Flask and SQAlchemy resulting in recognition by platform users as a top 10 up-and-coming blogging site.

Skills

- **Microsoft Office**: Microsoft Word, Microsoft Excel, Microsoft Power Point
- **Programming Languages**: Python, C++
- **Tools and Frameworks**: Visual Studio & PyCharm, Jupytar Notebook
- **Operating Systems**: Windows, Linux
- **Database**: MySQL, MongoDB, SQlite3
- **Microcontroller and microprocessor**: Arduino & Raspberry Pi
- **Web Development**: HTML, CSS, JavaScript
- **Data Visualization**: Power BI

CERTIFICATIONS

- **Basic Computer Course** Bangladesh Computer Council
- **The Arduino Platform and C Programming** University of California (Online)

LANGUAGE

- Bengali
- English
- Hindi

VOLUNTARY

- **Volunteer**, National Service Scheme, NIT Rourkela *August 2022 - July 2023*

ACHIEVEMENTS

- **Study in India Scholarship 2020**: Earned the Study in India Scholarship in 2020, awarded to top 1% of applicants in Electrical and Electronics Engineering; maintained a 93% attendance record and a 7.05 CGPA at NIT Puducherry.
- **Study in India Scholarship 2021**: Selected for the prestigious Study in India Scholarship at NIT Rourkela, demonstrating exceptional academic merit within the Electronics and Communication Engineering discipline.