

# Saidul Islam Nayan

Budapest 1087, Hungary | +36306104253 | nayan.saidul@gmail.com | <https://saidulnayan.github.io/portfolio>  
[linkedin.com/in/saidul-nayan](https://www.linkedin.com/in/saidul-nayan) | [researchgate.net/profile/Saidul-Islam-Nayan](https://www.researchgate.net/profile/Saidul-Islam-Nayan)

## EXPERIENCE

- Research Assistant at Center for Advanced Bioinformatics & AI Research (CABAIR)** **May 2020 - Aug 2025**  
Conduct scientific research by planning methodologies, collecting and analyzing data, and writing manuscripts.
- ICT Trainer (Contractual) at Edumaker powered by ICT Division Bangladesh** **June 2023 - Aug 2023**  
Providing training, and arranging practical sessions to help school/college teachers learn to apply ICT in education
- Web Developer (Internship) at UGV Software Development Wing** **Apr 2022 - June 2022**  
Develop websites in Django framework, building connection with PostgreSQL database in a collaborating team

## EDUCATION

- Eötvös Loránd University, Budapest** **Sep 2025 - Ongoing**  
Master's of Science in Data Science | 3 years
- University of Global Village (UGV), Barisal** **Dec 2022**  
Bachelor of Science in Computer Science & Engineering (CSE) | 4 years | 171 credit | 3.87 out of 4.0  
**Courses:** Statistics, Discrete Mathematics, DS, Algorithms, OS, Digital Electronics, DBMS, Computer Architecture, AI, OOP, System Analysis, Telecommunication, SWE, ML, Web technology, Unix, Simulation, VLSI, Network & Security  
**Thesis:** Comparison of Different ML Models with Different Hyperparameters Tuning on The MNIST Dataset

## PUBLICATIONS

- Journal of Life Sciences | ELSEVIER** **Nov 2023**  
Network Based Approach to Identify Interactions Between Type 2 Diabetes and Cancer Comorbidities
- 26th International Conference on Computer and Information Technology (ICCIT) | IEEE** **Dec 2023**  
RoseVision: A Rose Leaf Disease Detection Mobile App Using Modified Convolutional Neural Network

## PROJECTS

- Web:** Restaurant & grocery shop (Laravel), university & library portal (Django), Dr. appointment (PHP), forum (WordPress)
- Software/App:** Canteen POS (Java Swing), text-to-speech & object identification app (Flutter), chatbot (Python), sum (c)
- Robotics:** Line-following and obstacle-avoiding robots (Arduino), home automation and virtual telepresence (IoT)
- AI:** Object detection (OpenCV), plant disease classification (MCNN), traffic monitoring (YoloV3), health prediction (KNN)
- Others:** Email templates (Mailchimp), illustrations (Adobe), visualizations (PowerBI), molecular docking (DiscoveryStudio)

## TRAININGS

- Computer Office Application (3 months)** **Mar 2018**  
Bangladesh Computer Council (BCC), Barisal
- Graphic Design (3 months)** **Dec 2018**  
Bangladesh Small Cottage Industry Cor. (BSCIC), Barisal
- Web Development (6 months)** **June 2019**  
Bangladesh Hi-Tech Park Authority, Barisal
- Digital Marketing (6 months)** **June 2020**  
Bangladesh ICT Division, Barisal
- Software Development (6 months)** **Dec 2021**  
Bangladesh Hi-Tech Park Authority, Barisal

## COURSES

- Computer Aided Drug Design (3 Days)** **Aug 2023**  
Dawn of Bioinformatics, Dhaka
- Google IT Support (6 months)** **May 2021**  
Google (Coursera)
- Database for Developers (3 months)** **June 2022**  
Oracle Dev Gym, (Online)
- Google Data Analysis (6 months)** **Mar 2023**  
Google (Coursera)
- Google Project Management (6 months)** **Oct 2023**  
Google (Coursera)

## AWARDS

- NASA Space Apps Challenge (2nd Runner-up)** **2023**  
Divisional Round, Barisal
- BeChangeMaker Global (Top 30)** **2023**  
Divisional Round, Barisal
- NASA Space Apps Challenge (1st Runner-up)** **2022**  
Divisional Round, Barisal
- Inter University Programming Contest (3rd)** **2018**  
University of Global Village (UGV), Barisal

## CERTIFICATIONS

- First Aid for Adult and Children** **2024**  
International Federation of Red Cross
- Python (Basic) Certification** **2022**  
HackerRank
- Responsive Web Design Certification** **2021**  
freeCodeCamp
- APTIS General English Test Certification** **2019**  
British Council

## SKILLS

- Tools:** C, Python, HTML, JS, PHP, MySQL, Flutter, Git, Excel, PowerBI, Canva, G-suite, Latex, Jupyter, Cytoscape, Adobe
- Language:** Bangla (Native), English (IELTS: 7.0), Hungarian (Basic), German (Basic)

## RECOMMENDATIONS

**Prof. Dr. Md Habibur Rahman**  
Director, CABAIR, Kushtia-7003  
director@cabaair.com | +8801717127758

**Md Abdur Razzak**  
Chairman, Department of CSE, UGV, Barisal-8200  
razzak.buet@gmail.com | +8801746671227