

Md Imran Nazir Uday

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PROFILE SUMMARY

Computer Science researcher and software developer engineering backend systems with Django, with research interests in computational pathology, bioinformatics, cybersecurity, ML, and multimodal deep learning. Focused on bridging robust backend infrastructure with production-ready machine learning models.

TECHNICAL SKILLS

- **Languages:** Python, C++, JavaScript, SQL
- **Frameworks & Libraries:** Django, Django REST Framework, Tailwind CSS, Bootstrap
- **Data Tools:** NumPy, Pandas, Matplotlib, Seaborn, Power BI
- **Databases:** MySQL, PostgreSQL, SQLite, Microsoft SQL Server
- **Developer Tools:** Git, GitHub, Postman, Power BI, RStudio
- **Platforms:** Linux, Windows

EDUCATION

- **International University of Business Agriculture and Technology (IUBAT)** *Present*
B.Sc. in Computer Science and Engineering | CGPA: 3.77/4.00 Uttara, Dhaka, Bangladesh
– Relevant Coursework: Database Management Systems, Software Engineering, Operating Systems, System Design & Analysis, Web Engineering, Principles of Data Science.
- **Gazipur Metropolitan Institute** *Jul 2019 – Dec 2021*
Higher Secondary Certificate (HSC) | GPA: 5.00/5.00 Joydevpur, Gazipur, Bangladesh
- **G.K. Adarsha High School** *Jan 2014 – Feb 2019*
Secondary School Certificate (SSC) | GPA: 4.89/5.00 Dhirasrom, Gazipur, Bangladesh

RESEARCH EXPERIENCE

- **Weakly Supervised Breast Cancer Subtype Classification in WSIs via RNA-Sequence Label Transfer and Gated Attention MIL (Undergraduate Thesis)** *June 2025 – June 2026*
Supervisor: Afsana Akter Lija (Faculty, Dept. of CSE, IUBAT) Dhaka, Bangladesh
– Developed multimodal cancer subtyping framework leveraging RNA expression and histopathology data.
– Implemented ABMIL and XGBoost/LightGBM ensembles on TCGA-BRCA dataset.

RESEARCH & PUBLICATIONS

- **ICEFronT 2026 Hybrid BiLSTM–LSTM Temporal Modeling for Multi-Device IoT Botnet Detection with Stability Analysis**
IEEE ICEFronT 2026
Accepted | **Status:** <https://icefront.mbstu.ac.bd/>
Domain: Cybersecurity, IoT, Deep Learning
- **IEEE BECITH-CON 2026 Explainable Hybrid CNN-Transformer for Follicle-Level Hair Density Mapping in Androgenic Alopecia**
IEEE BECITHCON 2026
Under Review | **Status:** <https://becithcon.org/2026/>
Domain: Healthcare AI, Computer Vision

EXPERIENCE

- **GeeksSort** 
Content & Software Production Jan 2025 – Present
Dhaka, Bangladesh (Remote)
 - Developing scalable backend solutions and managing technical content production pipelines.
- **Prodiye InfoTech** 
Data Analyst Intern Aug 2024 – Nov 2024
Mumbai, India (Remote)
 - Cleaned and structured large-scale datasets using NumPy and Pandas to improve data quality.
 - Developed insightful reports and visualizations using Matplotlib to support business decisions.
 - Analyzed data trends and patterns to enable faster, data-driven business strategies.

SELECTED PROJECTS

- **Personal Django Blog Platform** 2026 
Django, Bootstrap, PostgreSQL, HTML/CSS/JS
 - Built full-stack blog platform featuring full CRUD operations, draft/published post workflows, and admin panel management.
 - Implemented user authentication, password reset, and PostgreSQL persistent storage integration.
- **Result Management System (RMS)** 2025 
Django, Python, PostgreSQL, ReportLab, Bootstrap
 - Engineered automated grading and result tracking system supporting role-based access for Admin, Teacher, and Student.
 - Integrated automated mark management, PDF report generation using ReportLab, and enhanced admin controls.
- **Train Ticket Management System** Mar 2025 – Apr 2025 
PHP, Mysql, Javascript
 - Built a web-based system for real-time ticket reservation, cancellation, and seat tracking.

CERTIFICATIONS

- **Python (Django) – EDGE Program:** EDGE Program (Credential ID: EDGE-DSTS-106-2630-00003), Nov 2024

VOLUNTEER EXPERIENCE

- **Campus Ambassador** Apr 2025 – Jun 2025 
ICT Olympiad Bangladesh
 - Led outreach initiatives and conducted technical & soft-skill sessions, impacting 100+ students.
- **Organizer, Technocraft V.2** Nov 2024 – Dec 2024 
IIEC – IUBAT Innovation and Entrepreneurship Center
 - Coordinated a national-level tech event with 500+ participants, managing workshops and competitions.

REFERENCES

- **Rafiul Islam** 
CTO, Clariti Soft, LLC (Formerly iSoftex)  +8801748774797