

GRANTHA SAHA -Student

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PROFILE

I'm a B.Sc. (Engg.) student in **Data Science & Engineering** with a solid grounding in programming and data-driven problem-solving. I work confidently with C, C++, Python, Java, SQL and HTML, and I enjoy building practical solutions that stay rooted in logic and clean engineering.

On the analytical side, I use MS Office, Excel, Power BI, and Tableau to explore patterns, visualize insights, and support decision-making with clarity.

My academic journey also includes research exposure in areas like graph theory, multimodal e-learning analytics, and data-centric systems. These experiences have strengthened my ability to think critically, experiment systematically, and approach problems with a structured research mindset.

I'm deeply interested in AI, MLOps, NLP, and scalable data workflows, and I'm actively looking to contribute to research, internships, and tech projects where disciplined learning and innovative thinking go hand-in-hand.

I aim to connect with people and opportunities that value curiosity, rigorous analysis, and meaningful impact.

EDUCATION

06/2024 – Present
Gazipur,Dhaka,Bangladesh
sh.

UNIVERSITY OF FRONTIER TECHNOLOGY, BANGLADESH 

Bachelor of Science (Engg.) in DATA SCIENCE AND ENGINEERING

CGPA: 3.6 / 4.0

Currently pursuing a multidisciplinary program focused on programming, statistics, and machine learning. Completed foundational courses in data analysis and software development with strong academic standing.

PROFESSIONAL EXPERIENCE

2024 – Present

Freelance Tech Support & MS Office Tutor

Self-Employed

Provided basic computer literacy training to students and local community members.Taught MS Word, Excel, and PowerPoint for academic and office use.Gained hands-on experience in mentoring and digital productivity.

2025 – Present

Campus Ambassador – UFTB Student Affairs

Volunteer Role

Represented the Data Science department in university outreach events.Coordinated student engagement campaigns and tech competitions.Developed communication, leadership, and event management skills.

2025 – Present

Presentation Designer - UFTB Career Club

Volunteer Role

Designed and managed visual and written materials for UFTB Career Club. Created posters, presentations, and social media graphics while formatting reports and proposals. Ensured consistent branding and professional quality across all club communications, enhancing outreach and engagement.

Programmer

SKILLS

Programming

- C,C++,Java,HTML,Python

Teaching

- Part time teacher of class 6-12(Private tutor)

Graphics Designing

Applied graphics designing skills to create visually engaging materials for presentations, reports, and social media campaigns. Combined design with technical writing, data storytelling, and effective communication to enhance clarity, collaboration, and audience engagement.

Data Analysis & Visualization:

- Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau

Volunteering

- Event organizing, helping teachers, managing tech stuff at events

Communication

- Technical writing, data storytelling, presentation skills, active listening, collaboration, verbal communication, interpersonal skills, email correspondence

LANGUAGES

Bangla — Native/Bilingual

English — Fluent

Hindi — Basic

CERTIFICATES

- Microsoft Office Mastery Learn Word Excel and PowerPoint ↗
- NumPy, SciPy, Matplotlib & Pandas A-Z: Machine Learning ↗
- Python Essentials ↗

- The Complete C & C++ Programming Course - Mastering C & C++ ↗
- Basics of Python ↗
- Power BI for beginners ↗

INTERESTS

Coding Personal Projects

- Enjoy creating Python tools and mini apps for solving real-world problems and automating tasks.

Tech Blogging

- Write simple articles on technology, learning experiences, and student life to share knowledge with peers

Traveling

- Passionate about exploring new places, learning different cultures, and expanding my worldview.

Gardening

- Practice mindful gardening as a way to relax, stay grounded, and connect with nature.

Listening to Podcasts

- Interested in podcasts about tech, productivity, self-development, and entrepreneurship.

Photography

- Capture everyday moments and experiment with creative photo editing for fun and content creation.

PROJECTS

2024

Bricks'N Ball ↗

"Swipe. Aim. Destroy."

Project: Bricks n Ball Game

Platform: Scratch **Programming Role:** Game Developer

- Designed and developed a classic "Bricks n Ball" arcade-style game using Scratch to strengthen my programming logic and problem-solving skills. Focused on event-driven programming, loop handling, collision detection, and user interaction. This project helped me build a strong foundation in basic coding concepts in a visual and engaging way.

2025

Sales Report Dashboard ↗

"Coffee Shop sales report on EXCEL"

Project: Coffee Shop Sales Report

Tools Used: Excel **Role:** Data Analyst (Student Project)

- Analyzed daily and monthly sales data from a coffee shop to identify trends, peak hours, and best-selling items. Organized raw sales data, cleaned and structured it, and generated visual reports highlighting customer preferences and revenue performance.
- Gained hands-on experience in data analysis, visualization, and business insight generation.

08/2025 – 01/2026

NAFLD Severity Classification Dataset ↗

"Ultrasound Liver Images and Clinical Data"

Project: NAFLD Severity Classification Dataset

Platform/Tools: Mendeley Data, Python, Medical Imaging Analysis **Role:** Data Curator & Researcher

- Curated and publicly released a dataset for NAFLD (Non-Alcoholic Fatty Liver Disease) severity classification using ultrasound liver images combined with clinical data.
- Organized raw medical images and structured patient data for easy access and reproducibility.
- Ensured dataset quality, anonymization, and documentation to support research in medical imaging and AI-based healthcare solutions.
- This dataset provides a benchmark resource for students, researchers, and practitioners working in healthcare AI and medical imaging analysis.

COURSES

-Microsoft Office Mastery: Learn Word, Excel, and PowerPoint ↗

Udemy

- Mastered essential office productivity tools including advanced formatting in Word, data analysis and charting in Excel, and professional presentation techniques in PowerPoint. Developed strong documentation, reporting, and presentation skills vital for academic and professional success.

-NumPy, SciPy, Matplotlib & Pandas A-Z: Machine Learning ↗

Udemy

- Gained practical hands-on experience with core Python libraries for scientific computing and data visualization. Learned data preprocessing, statistical modeling, and graphing with real-world machine learning applications using NumPy, SciPy, Matplotlib, and Pandas.

-The Complete C & C++ Programming Course – Mastering C & C++ ↗

Udemy

- Built a strong foundation in both procedural (C) and object-oriented (C++) programming. Covered memory management, data structures, file handling, and real-world problem solving using both languages.

-Basics of Python ↗

UniAthena

- Learned fundamental concepts of Python including variables, loops, conditionals, and functions. Gained practical coding skills for writing basic scripts and solving algorithmic problems.

-Python Essentials ↗

Cisco Networking Academy

- Explored Python programming essentials with a focus on problem-solving, data handling, and control structures. Gained a solid understanding of Python's syntax and application in real-world programming.

-Power BI for Beginners ↗

Simplilearn

- Introduced to Power BI for creating interactive dashboards and data visualizations. Learned to clean, transform, and model data for business insights and storytelling through reports.

ORGANISATIONS

Present	UFTB Student Affairs <i>Volunteer</i> <ul style="list-style-type: none">Assisted in organizing campus events, supporting student services, and promoting engagement activities to enhance the university experience.
Present	Badhon – Voluntary Blood Donation Network <i>General member</i> <ul style="list-style-type: none">Helped organize blood donation events, connected donors and recipients, and promoted awareness about the importance of donating blood.
Present	UFTB Career Club <i>Volunteer, Designers</i> Volunteered to create visual and written materials, applying technical writing, data storytelling, presentation, and graphics design skills while collaborating and communicating effectively.
Present	UFTB AI Community <i>Content Coordinator</i> Coordinated and managed content creation for AI community initiatives. Developed resources, tutorials, and updates to engage members and support learning in AI technologies.

REFERENCES

Tanjim Taharat Aurpa, *Departmental head of Data Science and Engineering*,
University Of Frontier Technology, Bangladesh
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DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.



GRANTHA SAHA
Dhaka, Bangladesh