

MEHEROSE HOSSAIN TASNIA

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SUMMARY

Motivated 4th-year Software Engineering student with a distinguished academic record. Proficient in Full-Stack Development and Machine Learning, with practical experience in designing scalable microservices and data-driven applications. Demonstrated leadership through competitive hackathons and technical mentorship, seeking to leverage strong problem-solving skills in a dynamic engineering role.

EDUCATION

B.Sc. in Software Engineering Daffodil International University CGPA: 3.97 / 4.00 <i>Relevant Coursework: Database Management Systems, Web Engineering, Data Science, Software Architecture.</i>	<i>2022-2026</i>
Higher Secondary Certificate (HSC) Ideal School and College GPA: 5.00 / 5.00 (Group: Science)	<i>2021</i>
Secondary School Certificate (SSC) Ideal School and College GPA: 5.00 / 5.00 (Group: Science)	<i>2019</i>

TECHNICAL SKILLS

- **Programming Language:** Python, Java, C, SQL, JavaScript.
- **Machine Learning:** TensorFlow, Keras, PyTorch
- **Web Frameworks:** Django, Spring Boot, React.js.
- **Tools & Platforms:** Git, GitHub, LaTeX, Power BI, Google Cloud Platform (GCP).

RELEVANT PROJECTS

- EduSphere (Interactive User Platform)**
 - Developed a full-stack web application using **Django and React.js** capable of handling user registrations and content delivery.
- Daycare Connect (Scalable Service Platform)**
 - Designed a microservices-based architecture to handle high traffic and distinct service modules.
- ExoVerse (Data Visualization Web App)**
 - Led a team to become **2nd Runner-up** in NASA Space Apps Challenge 2024.
 - Created “SlingRing,” a tool that processes complex datasets and visualizes them for users.

LEADERSHIP & EXPERIENCE

- **Trainer, DIU Software Engineering Club** *Sep 2024 – Dec 2024*
 - Trained and mentored students for the DIU Code Trap Programming Contest.
 - Developed strong communication and presentation skills by explaining complex concepts to diverse groups.
- **Participant, Learnathon 3.0: Fresher Training Program** *Jan 2025 – Apr 2025*
 - Completed a 4-month apprenticeship focused on foundational industry skills at Geeky Solutions.
 - Developed core competencies in Software Project Management and Software Design.
 - Engaged in hands-on training to bridge the gap between academic theory and professional software engineering practices.
- **Team Leader, NASA Space Apps Challenge 2024**
 - Coordinated a 5-member team under tight deadlines to deliver a project. Managed task delegation and conflict resolution to ensure team unity.

CERTIFICATIONS

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| • Google Cloud Generative AI Leader | <i>Google Cloud (Jan 2026)</i> |
| • AWS Academy Machine Learning Foundations | <i>Amazon Web Services</i> |
| • Managing Big Data with MySQL | <i>Duke University (Coursera)</i> |

ACHIEVEMENTS

- **Dean’s List Award** (Fall 2023) – Awarded for extraordinary academic performance.
- **Regional 2nd Runner-up**, NASA Space Apps Challenge Bangladesh 2024.