



# MD. TASVE AL SAMIR

**Phone:** +880-1839-929921  
**Email:** tasvesamir15471@gmail.com  
**LinkedIn:** www.linkedin.com/in/tasve-al-samir  
**GitHub:** https://github.com/tasvesamir07  
**Portfolio:** tasve.hepttech.com

## SUMMARY

A highly motivated and dedicated Software Engineering student in 8th semester with a perfect CGPA of 4.00 and a consistent record of academic excellence, including multiple Dean's List Awards. Proficient in a wide range of programming languages and modern technologies, with hands-on experience in developing full-stack applications, AI-based systems, and IoT solutions. Seeking to leverage strong problem-solving, creative, and communication skills to contribute to innovative software development projects.

## WORK EXPERIENCE

**Web Developer | Royal Bengal AI** **October 2025 – July 2026**

- Designed the frontend and backend of a post-scheduler website, realizing a 9% performance improvement by optimizing PostgreSQL queries and implementing React lazy loading.
- Introduced an Employee Management System for the company to track the work status
- Led frontend architecture decisions across 3 major internal projects, collaborating with cross-functional teams.

**Content Writer Intern | Privatune** **May 2025 – September 2025**

- Designed Book layout and diagram for readers, increasing 11% design improvement.
- Authored engaging and informative content related to academics.

## EDUCATION

**B.Sc. in Software Engineering (Expected Graduation: June 2027)** **July 2023 - Present**

Daffodil International University, Dhaka

- CGPA: 4.00 / 4.00 (up until 7<sup>th</sup> semester)
- Honors: Dean's List Award (Spring 2025, Fall 2024)

**Higher Secondary Certificate (HSC)** **Batch 2022**

Mirpur Cantonment Public School and College

- GPA: 5.00 / 5.00

**Secondary School Certificate (SSC)** **Batch 2020**

Adamjee Cantonment Public School

- GPA: 5.00 / 5.00

## SKILLS

- Programming Languages:** Python, Java, JavaScript, C, SQL
- Frameworks & Libraries:** Spring Boot, React, Node.js, TailwindCSS
- Developer Tools:** Git, GitHub, Docker
- Design & Documentation:** Adobe Photoshop, Adobe Illustrator, Canva, Microsoft Office Suite (Word, PowerPoint, Excel)
- Soft Skills:** Leadership, Communication, Presentation, Teamwork, Problem-Solving, Time Management

## PROJECTS

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### Certificate Studio | JavaScript, Node.js, React, TailwindCSS | Live Demo

- Engineered a dynamic web application that automates bulk certificate generation and secure, high-volume email distribution.
- Designed a responsive, intuitive frontend user interface paired with a robust backend service to streamline administrative academic workflows.

### Prachar AI | JavaScript, Node.js, React, Social Media API's | Live Demo

- Developed a robust application to automate and schedule posts across multiple social media platforms, improving content strategy and user engagement.

### Face Recognition Attendance System | Python, OpenCV, ESP32-cam

- Engineered an automated attendance system using facial recognition technology to ensure accurate and efficient tracking.

### OBE Assistant | Python, ESP32-cam, Gemini API

- Developed an AI-powered assistant to streamline and support Outcome-Based Education (OBE) processes, enhancing administrative efficiency.

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

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### Department Representative | ORIYET December 2024 – Jan 2026

- Acted as a key communication link between the student body and department faculty.

### Member | DIU Data Science Club December 2023 – Present

- Participate in workshops and group discussions on Python, data analytics, and machine learning.

### Member | DIU Software Engineering Club December 2023 – Present

- Actively participates in various events and workshops organized by the club.

## AWARDS & CERTIFICATIONS

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- Champion** : Robotics and IoT Device Competition, 2025
- Finalist** : AI Competition (2026), 2nd National Social Business Case Competition (2025).
- Technical Training** : PKI Training By CCA (2026), Introduction to Statistical Thinking (2025)
- Seminars & Programs** : AI for Career Advancement & Data and Decision Science Seminar, (2024), Cybersecurity Awareness Program (2023).026

## ADDITIONAL INFORMATION

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- Languages**: Bengali (Native), English (Fluent)
- Interests**: Artificial Intelligence, Open-Source Contribution, Cyber Security

## REFERENCES

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Dr. Imran Mahmud  
Head & Professor  
Department of Software Engineering  
Daffodil International University  
Daffodil Smart City, Birulia  
Dhaka, Bangladesh  
Cell: +88 01711370502  
E-mail: imranmahmud@daffodilvarsity.edu.bd

Prof. Dr. A. H. M. Saifullah Sadi  
Professor & Director, M.Sc in Cyber Security  
Department of Software Engineering  
Daffodil International University  
Daffodil Smart City, Birulia  
Dhaka, Bangladesh  
Cell: +88 01795379956  
E-mail: sadi.swe@diu.edu.bd