



MD. TASVE AL SAMIR

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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. - Engineered a full-stack Employee Management System using React and Node.js to track real-time work status across cross-functional teams. - 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 7th 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	
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PROJECTS

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

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

- **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

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

REFERENCES

Dr. Imran Mahmud
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