TAWHID HASAN

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SUMMARY

I am a passionate Computer Science and Engineering student at North South University with a strong interest in software engineering, backend systems, and web application development, alongside a background in UI/UX design and front-end development. Skilled in Figma, Adobe Photoshop, Illustrator, and Lightroom, and experienced with Java, C, C++, HTML, and CSS, I am eager to apply my technical and creative skills to real projects and solve real-world problems.

EDUCATION

North South University — B.Sc. in Computer Science and Engineering (CSE) *January 2024 — Present*

Dhaka College — Higher Secondary Certificate (HSC)

R.B. Govt High School, Joypurhat — Secondary School Certificate (SSC)

WORK EXPERIENCE

Student Worker, NSUIT Classroom Support Team *1 Mar 2026 — Present*

- Provided on-site technical support for smart classrooms and labs, configuring projectors, AV systems, and workstation software.
- Resolved real-time hardware, software, and network issues while assisting with routine equipment readiness across teaching facilities.

Web Developer, GOAT Esports (Part-time, Hybrid) *Feb 2026 — Sep 2026*

- Developed and maintained the organization's web platform, implementing new features and enhancing overall site functionality.
- Collaborated across hybrid workflows to update web pages, refine user interfaces, and ensure reliable day-to-day performance.

Event Photographer, North South University Games and Sports Club *Mar 2025 — Jan 2026*

- Captured and edited high-quality action photographs for major university athletic events, including NSU Tryouts and NSUSC Cricket Internal 2025.
- Managed the end-to-end photography workflow from live on-field coverage to post-production editing in Adobe Photoshop and Lightroom.

PROJECTS

University Classroom Booking System (CBS) — Academic Project (Junior Design): Full-stack room management monorepo built with Next.js 14, Node.js/Express, and PostgreSQL supporting room inventory, faculty scheduling preferences, waitlists, and bulk semester allocations.

AgriPOS — Personal Project: Web-based POS and inventory system built with React, Tailwind CSS, PHP, and MySQL featuring real-time stock tracking, fractional open-box sales, customer due tracking, printable invoices, and invoice OCR.

Helpdesk Ticketing System — Academic Project: Role-based support ticketing platform (Staff, Faculty, Student) built with PHP, HTML, CSS, JavaScript, and MySQL featuring ticket lifecycle tracking and multi-criteria filtering.

Hospital Management System — Academic Project (Summer 2025): Desktop application built in Java and Java Swing (GUI) featuring interactive forms for patient registration, doctor scheduling, and medical record management.

TECHNICAL SKILLS

Programming & Development: Java, C, C++, HTML, CSS, JavaScript, PHP

Frameworks & Databases: Next.js, React, Vite, Tailwind CSS, Node.js, Express, PostgreSQL, MySQL

Design & Creative Tools: Adobe Photoshop, Adobe Illustrator, Figma, Adobe Lightroom

CORE COMPETENCIES & LANGUAGES

Soft Skills: Team Collaboration, Problem-Solving, Communication · **Languages:** Bengali, English, Hindi