

MOHAMMAD TAHLIL AL-RAIYAN

BSc In Computer Science & Engineering

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GitHub: <https://github.com/TahlilAlRaiyan>

Online Portfolio: <https://tahlilalraihan.github.io/portfolio/>

CARRER OBJECTIVES

Results-driven Full Stack Developer with hands-on experience building scalable **SaaS**, **e-commerce**, and **web applications**. Strong command of **modern front-end technologies** and **robust back-end systems** with a **security-first mindset**. Experienced in **RESTful APIs**, authentication, database optimization, and performance tuning.

EDUCATION

American International University-Bangladesh

| 2024-2028

Bachelor of Science in Computer Science & Engineering (CSE)

- CGPA: 3.8
- Academic Honors and Awards: Magna Cum Laude (Silver Medal)
- Member, The Engineering Students' Association Of Bangladesh (ESAB) AIUB Unit Face

Dhaka imperial college

| 2021-2023

Higher Secondary School Certificate (HSC)

- GPA: 4.42
- Rover, Dhaka Imperial College Scout Group

Faizur Rahman Ideal Institute

| 2011-2020

Secondary School Certificate (SSC)

- GPA: 4.82
 - Scout, Faizur Rahman Ideal Institute Boys Scout Group
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WORK EXPERIENCE

Full Stack Developer

| 2028-2029

AIT GLOBAL LTD.

- Developed and maintained **SaaS** applications for Shopify and other platforms.
- Built scalable back-end systems using **Laravel (PHP)** and **Node.js (Express/NestJS)**.
- Designed and consumed secure **RESTful APIs** for front-end and third-party integrations.
- Implemented authentication systems using **JWT** and **OAuth**.
- Optimized **MySQL** and **PostgreSQL** queries to improve application performance.
- Developed multiple **e-commerce websites**, including checkout flows and order management.
- Collaborated with designers and team members to deliver user-friendly interfaces.

ADDITIONAL HIGHLIGHTS

- Experience with **e-commerce** systems and platform integrations
 - Strong understanding of **web security** and secure coding practices
 - Strong problem-solving and analytical thinking ability
 - Ability to quickly adapt to new technologies and **frameworks**
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PROJECTS

Java Project – AIUB

- Developed a file-handling based **login system** and **loan calculator** using **Java**.
- Focused on clean code, validation, and error handling. Web

Development Project

- Built a dynamic web application using **C#** and **ASP.NET**.
 - Implemented **CRUD** operations and database connectivity.
 - Designed responsive **UI** using **HTML**, **CSS**, and **JavaScript**.
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CORE SKILLS

- **Front-End:** HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Tailwind CSS, Bootstrap, Responsive Design, Cross-Browser Compatibility, DOM Manipulation, State Management (Redux/Context API)
 - **Back-End:** Node.js (Express, NestJS), PHP (Laravel), Java, C# (ASP.NET), MVC Architecture, Middleware Implementation, Server-Side Validation, Session Management
 - **APIs & Security:** RESTful APIs, API Design Principles, JWT, OAuth, Authentication & Authorization, Role-Based Access Control (RBAC), API Documentation (Swagger), Secure Coding Practices
 - **Databases:** MySQL, PostgreSQL, MongoDB (Basic), Database Design, ER Modeling, Indexing, Query Optimization, CRUD Operations
 - **DevOps & Tools:** Git, GitHub, GitHub Actions (Basic), Docker (Basic), CI/CD Concepts, Linux Basics, Deployment Basics, Environment Configuration
 - **Testing & Debugging:** Unit Testing (Basic), Integration Testing (Basic), Postman, API Testing, Error Handling, Log Analysis
 - **Software Engineering Practices:** Object-Oriented Programming (OOP), SOLID Principles (Basic), Design Patterns (Basic), Data Structures & Algorithms (Fundamentals), Version Control Workflow, Agile & Scrum Basics
 - **Other Skills:** Performance Optimization, Web Security Best Practices, Code Refactoring, Technical Documentation, Problem Solving & Analytical Thinking
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RESEARCH

Academic Procrastination and Its Impact on Academic Performance

Conducted quantitative research using survey-based data collection. Analyzed responses using statistical methods to identify correlations between procrastination behavior and academic outcomes.

- **Research Methodology:** Survey Design, Data Collection, Data Analysis
- **Tools Used:** Google Forms, Microsoft Excel / SPSS (if applicable)
- **Focus Areas:** Behavioral Analysis, Academic Performance Metrics

HOBBIES & INTERESTS

- Swimming
- Photography
- Volunteering
- Coding & Personal Development Projects
- Exploring Emerging Technologies
- Problem Solving & Analytical Thinking
- Reading Tech & Innovation Articles
- Watching Movies & Web Series
- Strategy-Based Gaming

REFERENCE

DR. MADHABI ISLAM

professor, Faculty

DEPARTMENT OF MATHEMATICS

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DR. FAIZ AL FAISAL

associate professor, Faculty DEPARTMENT

OF COMPUTER SCIENCE

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