



S M Tanvir Hasan Hridoy

Date of birth: 30 Sep 1996 | **Nationality:** Bangladeshi | **Phone number:**

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EDUCATION AND TRAINING

11 APR 2023 Frankfurt am Main, Germany

MASTER OF SCIENCE IN HIGH INTEGRITY SYSTEMS Frankfurt University of Applied Sciences

Address Nibelungenplatz 1, Frankfurt am Main, Germany | **Field of study** Information and Communication Technologies

NOV 2015 – APR 2020 Dhaka, Bangladesh

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND SOFTWARE ENGINEERING American International University-Bangladesh

I have achieved various computer science core as well as courses from other disciplines.

I am highlighting some of the important courses and area-

1. Programming Languages (C, C++, JAVA, C#)
2. Mathematics (Linear Algebra, Complex Variable, Laplace Transformation & Fourier Analysis)
3. Web Technologies (HTML, CSS, Bootstrap, PHP)
4. Computer Science fundamentals (Algorithm, Discrete Mathematics, Artificial Intelligence, Theory of Computation)
5. Software Development (S/W engineering, S/W Development with Projects)
6. Subjects such as Accounting, Economics, English

Address Kuratoli, Khilkhet, Dhaka, 408/1, Dhaka, Bangladesh | **Website** <https://www.aiub.edu/> |

Field of study Information and Communication Technologies | **Final grade** 3.75 out of 4 | **Number of credits** 142 |

Thesis Market Basket Analysis

WORK EXPERIENCE

30 SEP 2019 – 30 DEC 2019 Dhaka, Bangladesh

SOFTWARE ENGINEER INTERN ENCODERS INFOTECH LIMITED

I worked at **Encoders Infotech Limited** as an intern for my university internship course.

Throughout **3 months** of intense pressure and practice, I managed to learn and apply different technologies, programming languages such as-

- React
- React-Native
- MERN stack
- ASP.NET core
- Selenium Automation

1 JAN 2022 – 30 SEP 2022 Dhaka, Bangladesh

SOFTWARE ENGINEER ENCODERS INFOTECH LIMITED

I joined Encoders Infotech Limited again in the 2022 and this time as a full-time software engineer. I worked here for 9 consecutive months. While my stay here, I worked in several different projects in which I used these following technologies:

- React
- Express.js
- Sanity
- Vercel
- TypeScript
- TailwindCSS

LANGUAGE SKILLS

Mother tongue(s): **BENGALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Programming Languages

C | C++ | Python | C# | JavaScript | Java

Database

MySQL | Oracle SQL | MongoDB

Web Technologies

HTML | CSS | Tailwind CSS | Framer Motion | PHP | Bootstrap

Frameworks and libraries

React | React-Native | Node.js | Next.js

Organizational, Utility Tools

Microsoft Office | Git | Selenium | Postman

ADDITIONAL INFORMATION

PROJECTS

Swiss Color (Cross-Platform mobile app) I worked in this project while my internship in Encoders Infotech Limited. I designed the frontend for this cross-platform mobile application.

Features:

1. Showing client locations via map
2. Login UX/UI design
3. Dashboard/Drawer/Hamburger menu
4. Homepage with multiple route components
5. Serving data in tabular format from .net served API
6. Searching information with different attributes. etc.

Technologies:

1. React-Native
2. React-Native-Elements
3. React-Native-Maps
4. React-Router

Retro Game (OpenGL using C++) This was my project for Computer graphics course in my university.

Features:

1. 2D graphics using OpenGL
2. Various objects like Hero (teacher), enemies(zombie), clouds, buildings, road, moon etc.
3. The zombies will chase the teacher and the hero have to shoot them and sprint.
4. Objects will be created and deleted dynamically according to game logic.
5. Have multiple abilities for the hero via keypress events
6. Mouse events

Technologies:

1. C++
2. OpenGL

HONOURS AND AWARDS

6th Place in AIUB CS Fest 2016 Programming Contest (Division 2) – American International University-Bangladesh It was my first programming contest participation. I applied my newly gained knowledge in C programming course from my university. I've attached the leaderboard below.

Link <https://www.hackerrank.com/contests/aiub-cs-fest-2016-programming-contest-division-2/leaderboard>