TAZRIF
RAIM

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Tazrif-Raim

OBJECTIVE

Aspiring Software Engineer with expertise in .NET, JS, and full-stack development. I am experienced in backend development and have implemented real time chat features, streaming, and secure payment gateways. I have led multiple university projects and school organizations, showcasing my leadership skills. I developed in-game physics for a 2D platformer and improved a defense model performance against neural network adversarial attacks. I have a solid foundation in data structures and algorithms. With strong problem-solving abilities, adaptability, and a solid work ethic, I aim to contribute to a dynamic team, grow my expertise, and drive technological innovation.

PROJECTS

Munchies – Backend

https://github.com/Tazrif-Raim/munchies-backend

A provider of virtual restaurant brands with cloud kitchens
(.NET Framework, C#, Entity Framework, MSSQL, SOLID design principle)

- Implemented real time Chat API using chat engine
- Implemented Video Streaming API
- Integrated Secure Payment Gateway through API
- Implemented Authorization API through tokens

Aqua Ignis

https://github.com/Tazrif-Raim/AquaIgnis-game-CG-project

A 2D platformer Game
(OpenGL GLUT, C++)

- Developed in-game logic and physics (Jump, Collision, Gravity)
- Implemented the base project structure
- Created classes for game components

Counter to Adversarial Attack in Breast Cancer Classifier (In press)

https://github.com/Tazrif-Raim/CVPR

Research into countering adversarial attacks on neural network classification models
(Python, Tensorflow)

- Trained a breast cancer classifier using transfer learning
- Generated an FGSM attack on the model
- Developed a defense model with improved performance

Into the Green

https://github.com/Tazrif-Raim/webtech-university/tree/main/Into%20The%20Green(Project-Partial)

A platform promoting sustainable practices through user i.e. business generated content.
(HTML, CSS, JS, JS(AJAX), PHP, MySQL, MVC design pattern)

- Developed content submission, review, and publication workflows.
- Developed User roles and privileges
- Implemented Search, Filter, and Pagination for contents
- Designed the entire database

EDUCATION

B.Sc. CSE | American International University - Bangladesh
2021-2024 (EXPECTED GRADUATION: SEPT '24)
CGPA: 3.96 / 4.00
- 4 times Dean's Award
- Represented university in SEC Inter University Junior Programming Contest, 2022
- Member at AIUB Competitive Programmers Community
Coursework: .NET, Adv. Web(Nest.js, Next.js, Tailwind CSS), Computer Vision, Data Science, SE (SDLC)

Higher Secondary Certificate | Adamjee Cantonment College
2018-2020
GPA: 5.0 / 5.0
- Represented college in National Talent Hunt in Math & Computer
- Placed 2nd in college Math Olympiad

SKILLS

Languages: C#, C++, Python, JavaScript, Node.js, TypeScript, PHP, SQL

Tech: .NET, Nest.js, Next.js, React.js, Entity Framework , TypeORM, PostgreSQL, MSSQL, MySQL, HTML, Tailwind CSS, UNIX Shell Script, git

General:

Leadership	Work Ethic	Problem Solving
Resilience	Growth Mindset	Adaptability

ACTIVITES & ACHIEVEMENTS
- Central Club Prefect, ACC Math Club (2019-2020)
- Founder Vice President, ACPS Club of Mathematics (2017-2018)
- Adviser, ACPS Club of Mathematics (2018-2019)
- Champion, IQ Test, 3rd SAGC National Fest, 2017
- Runners Up, Wow Proof, 1st NDC Math Fest, 2018
- Runners Up, Decipherio, 1st SGHSC Math and IT Fest, 2019
- 2nd Runners Up, School Math Olympiad, 2016

LANGUAGES

Bangla: First Language
English: Fluent (Written and spoken)
Hindi, Urdu: Fluent (Spoken)

REFERENCES
**Available Upon Request