

# Siratul Islam

<https://heronet.xyz>

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[Github](#) | [LinkedIn](#)

## SKILLS

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### Languages and tools

- Strong proficiency in C#, Typescript, Javascript, Kotlin, C/C++, Rust, Python, HTML/CSS/SASS.
- Experience with Angular, ASP.NET Core, SignalR, Websocket, Node.js, Git, Linux, GCP, CI/CD.

## PROJECTS

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### Social Media Platform (Angular, ASP.NET Core, SignalR, Docker)

[Github](#) | [Live](#)

- Innovated minimalist social media platform with **real-time** chat, post creation, and commenting, bolstered by **ASP.NET Core SignalR** for dynamic user engagement.
- Ensured robust security with **JWT** authentication and password **encryption**, while optimizing performance via **RESTful API** and separate **UI/Web API** server deployment.

### E-Commerce Platform Android / Web (Angular, ASP.NET Core, PostgreSQL)

[Github](#) | [Live](#)

- Developed a high-performance e-commerce platform using **ASP.Net Core**, **Angular**, and **PostgreSQL**, with a mobile version on **Android** utilizing **Jetpack Compose** and **Kotlin** for improved accessibility.
- Achieved enhanced scalability and efficient performance by decoupling **UI** and web **API** layers, establishing a stateless connection via **REST API**, and containerizing the backend with **Docker** for easy maintenance and deployment on **GCP Cloud Run**.

### MCQ Exam Platform (Angular, ASP.NET Core, PostgreSQL, Docker)

[Github](#) | [Live](#)

- Developed a feature-rich MCQ examination platform with **Mathjax** integration for complex mathematical expressions, including a timer feature for time-bound assessments.
- Utilized **PostgreSQL** for data storage and **Docker** deployment on **Google Cloud Run**, ensuring high performance, scalability, and easy maintenance. Enhanced user experience with **PDF** result printing and submission log export.

### A College Website (Angular, Angular Material)

[Github](#) | [Live](#)

- Crafted with Angular and Material UI, this college website sets the standard for cutting-edge UX. It boasts simplicity and user-friendliness, ensuring an effortless experience for all.

## EDUCATION

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### Shahjalal University of Science and Technology

2023 – Present

- Department of Physics.

### Nirjhor Cantonment Public School and College

Sep 2020 – Dec 2022

- Higher Secondary Certificate - GPA 5.00.

## ACHIEVEMENTS

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### Notre Dame Science Fest 2022:

Mar 2022

- Awarded **3rd** place in a science competition for a cutting-edge full-stack real-time social media platform, judged by **Dhaka University** professors.

### Inter Cantonment IT competition 2021:

Dec 2021

- Secured the prestigious **1st** place in a nationwide science competition among all cantonments in Bangladesh

### Nirjhor Cantonment Public School and College Science Fest 2021:

Dec 2021

- Secured **1st** place in the prestigious science fest of Nirjhor Cantonment Public School and College, impressing judges with an exceptional project.