

# Syed Shibli Mahmud

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## Experience

### Orbitax Bangladesh Limited

July 2024 -Present

#### Software Engineer

- Developed a dynamic **drag-and-drop form builder** with complex grid layout and validation logic (**Angular | TypeScript**), empowering non-technical users to create custom workflows.
- Implemented end-to-end PDF generation functionality for user-generated forms, including dynamic layout rendering and multi-language support ( .NET )

### Orbitax Bangladesh Limited

Jan 2023 - Jun 2024

#### Associate Software Engineer

- Developed a **pagination** system for **large datasets** in the spreadsheet module, enabling efficient data handling and improving user experience on the platform (**.Net | Angular**)
- Optimised the platform's spreadsheet module, resulting in a **16x performance improvement** in load times by implementing efficient rendering techniques and code optimizations (**Angular | Javascript**)

### Playe

Nov 2021 - Dec 2022

#### Full Stack Developer (remote)

- Implemented distributed gamepass management using Redis-based bucket allocation with atomic operations, supporting unlimited concurrent players with sub-100ms response times.
- Built cloud-native AWS integration with automated CodeBuild pipelines, S3/CloudFront deployment, and infrastructure-as-code for dynamic resource provisioning
- Cloud Architecture:** Designed scalable AWS-based infrastructure supporting automated game deployments and multi-environment CI/CD pipelines
- Engineered a SaaS platform for restaurants to host interactive games and for developers to publish games (.Net | Next.js).

## Recent Projects

### Twitter clone

Designed and implemented a scalable social media platform with features similar to Twitter, following a microservices architecture to ensure modularity, resilience, and efficient resource utilisation across distributed components( .Net | Angular | RabbitMQ | Redis | MongoDB)

## Skills

**Languages:** Typescript, Javascript , C#

**Technologies:** React , Angular , .Net

**Cloud:** AWS

**Databases:** MongoDB

**Others:** RabbitMQ

## Certificates & Achievements

- Champion** - Geeky Solution Learnathon 2022
- Organiser** - SEC Inter University Junior Programming Contest 2022.
- Training for Mobile Application/Game Development (Cross Platform)

## Education

**SYLHET ENGINEERING COLLEGE - B.Sc in Computer Science & Engineering**

Jan 2018 - Nov 2022