

Muhammad Sayyedul Awwab

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LinkedIn — Portfolio — Github

EXPERIENCE

- **Software Engineer** *Oct 2024 – Present*
Echologyx Ltd, Dhaka, Bangladesh
 - Currently working for a highly scalable, event-driven eCommerce platform based in the UK, designed with a microservices architecture comprising over 30 interconnected services and extensive internal packages.
- **Junior Software Engineer** *Sep 2022 – Sep 2024*
Bdjobs.com Ltd., Dhaka, Bangladesh
 - Resolved 200+ critical issues and troubleshoot challenges as they arise in the existing employer system.
 - Implemented new features on the employer platform and involved in migration to new technology.
 - * Automated invoice generation for online payments of job posting services, reducing manual processing by the accounts team by 60%.
 - * Spearheaded the seamless transition of the Job Posting System from legacy technology to ASP.NET Core Web API using Layered Architecture, Repository Pattern within a collaborative team environment.
 - * Involved in the migration of Applicant Hiring Activity Process API to ASP.NET Core Web API using Clean Architecture, Domain Driven Design, Repository Pattern, etc.
- **Software Engineer Intern** *Jan 2021 – Apr 2021*
BusinessBee Consulting Ltd., Dhaka, Bangladesh
 - Created an admin dashboard with user authentication & authorization and CRUD features to manage the content of the website and form submissions from the customers.
 - Developed the frontend of the website using HTML, CSS, and JavaScript and used PHP to develop the backend of the website.

PROJECTS

- **Ecommerce Microservice - *GitHub***
 - Implemented functionalities for managing products, categories, user authentication, and orders for an ecommerce platform. It is a project in progress!
 - ASP.NET Core 8 Web API, Microsoft SQL Server, Entity Framework Core 8, FluentValidation, MediatR, Redis, RabbitMQ, NServiceBus, Docker, Ocelot API Gateway.
 - Architecture Patterns: Clean architecture, Domain-driven design (DDD), CQRS by implementing Mediator pattern using MediatR package, Event-Driven Architecture (EDA).
- **Job Posting System**
 - Analyzed the existing system to identify the code complexity, data flow and state management deficiency.
 - Planned the technology and architecture to simplify the complex codebase for efficient data flow and state management.
 - Extracted the business logic from the legacy system and divide it into manageable tasks to enhance team collaboration.
 - Structured the project to integrate seamlessly with existing business processes.
 - Built the API using ASP.NET Core, Dapper following layered architecture, repository pattern in a team setting.
 - Successfully migrated the system, leading to the delivery of an improved job posting system that attained 95% customer satisfaction.
- **Ecommerce API - *GitHub***
 - Implemented various functionalities for managing products, categories, user authentication, reviews, and orders for an ecommerce platform. It is a project in progress!
 - Used ASP.NET Core, PostgreSQL, Dapper, EF Core, Redis, Docker implementing Clean Architecture, Domain Driven Design, CQRS with Mediator Pattern, Repository Pattern etc.

SKILLS

- **Languages:** C#, JavaScript, Typescript, SQL.
- **Frameworks, Platforms & Libraries:** ASP.NET Core, SQL Server, PostgreSQL, Redis, Docker, Git & GitHub

EDUCATION

- **BSc in Information and Communications Engineering**
Bangladesh University of Professionals (BUP), CGPA: 3.68/4.00 *Dhaka, Bangladesh*
2022
- **Higher Secondary Certificate (HSC)**
Saint Joseph Higher Secondary School, GPA: 5.00/5.00 *Dhaka, Bangladesh*
2017

LANGUAGES

- **Bangla:** Native or bilingual proficiency
- **English:** Full professional proficiency