Md Erfanul Islam Bhuiyan

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Professional Experiences

Enosis Solutions

Senior Software Engineer - Level 1   04/2024 – Present
- Upheld coding standards and mitigated potential issues by conducting over 20 **Code Reviews** of peer work.
- Managing the development process of a substantial feature for a top project management software on **Angular**.

Software Engineer - Level 2   01/2023 – 03/2024
- Enhanced system efficiency and maintainability, integrating **Azure Cloud services** (app configuration, key vault, app insight, and Redis cache) across 7 .NET applications.
- Enabled convenient Microsoft login by implementing **Azure Active Directory** single sign-on for a solution with 110,000+ users.
- Minimized business impact by resolving 100+ production issues, ensuring smooth operation for a top dental management solution based in North America.

Software Engineer - Level 1   01/2022 – 12/2022
- Enabled scaling capabilities, building a microservice containing **Azure Functions** for sending 15,000+ emails daily.
- Prevented data breach by implementing a backend authorization layer for a top dental management solution, impacting over 400 API endpoints.
- Modernized legacy systems, transitioning 4 large-scale applications to **.NET 6**, ensuring onion architecture.

Skills

Programming Languages: C#, C/C++, JavaScript, Python, TypeScript, Java

Frameworks: .NET Core, .NET framework, Django, Angular, Android

Databases: MS SQL, PostgreSQL, SQLite

Frontend: HTML, CSS, jQuery, React, Agular Material, RxJs

Cloud Services: Azure Functions, App Insight, App Configuration, Key Vault, Redis Cache, Blob Storage

Tools: Git, Linux, Azure DevOps, Redis Insight, Postman, Mockoon, Docker

Cognitive: Solved over 2200 DSA problems from different online judges.

Personal Projects

CPorBit, Personalized competitive programming mentor ⧉   12/2021
- Created a web application to analyze competitive programmers' performances from past submissions to identify key areas for improvement.
- Developed an algorithm to recommend tailored challenges to solve next and boost user ratings on Codeforces.
- Architected advanced features and APIs, focusing on scalability and extensibility to support future enhancements.
Technologies: Django Rest Framework, Python, PostgreSQL, React, TailwindCSS

ExpenseXpert, Group expense management app ⧉   01/2021
- Engineered a mobile app to automate group expense tracking, essential for managing finances in group travel scenarios.
- Implemented offline functionality using a local database, enabling consistent app usage without internet access.
- Developed the business logic to track and manage individual and group expenses, supporting over 50 active installations.
Technologies: Android, Java, SQLite

Education

B.Sc in Computer Science and Engineering,   01/2018 – 01/2022
Daffodil International University ⧉

Achievements

DIU Intra University Programming Contest, 2021, standings ⧉   12/2021
Rank: **Champion** | Onsite Individual

Expert on Codeforces, profile - erfanul007 ⧉   04/2020
Max Rating: 1623 | Online Individual