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PROFESSIONAL EXPERIENCE

Stibo DX

06/2021 – present | Dhaka, Bangladesh

Software Engineer

- Working as a scrum master in a 9-member team and completed 100% of goals in four back-to-back product releases.
- Implemented cache mechanism in a NodeJS microservice, improving its performance by 45%.
- Developed a Python-based image processing service that boosted company clients by 20%.
- Established an integration test suite using Gherkin, NodeJS, Typescript and GraphQL, reducing bug reports by 30%.
- Developing AI-driven log monitoring to detect anomalies and boost performance.
- Mentored 5 junior colleagues and presented project updates to 100+ developers across 4 countries enhancing cross-team collaboration.

Computer Ease Limited

08/2019 – 05/2021 | Dhaka, Bangladesh

Junior Programmer Analyst

- Created payroll management system on desktop, mobile, and web platforms which employees of 25+ companies in Bangladesh widely use.
- Developed an attendance management system using ASP.NET, Angular and MySQL which helped the company get 30% more revenue.
- Implemented the company's 1st mobile application for Human Resource Management using Xamarin and REST API.
- Led a team of 4 members and conducted weekly project update and code review sessions.

EDUCATION

B.Sc. in Computer Science and Engineering

2015 – 2019 | Dhaka, Bangladesh

Ahsanullah University of Science & Technology

CGPA: 3.336/4 | Total Credit: 161.25

THESIS

Feature Selection Based Network Intrusion Detection Using Data mining Classification Algorithms

- Lead author on this paper, contributing significant research and insights.
- Optimized network breach detection through advanced data mining and feature simplification.
- Conducted in-depth analysis of security threats, enhancing system accuracy in identifying vulnerabilities.

SKILLS

Programming Languages — Python, TypeScript, JavaScript, C#, Java, PHP, HTML, CSS

Frameworks — NodeJS, Angular, React, ASP .NET, ASP .NET Core, Jest, Jasmine

Databases and Data Management — MySQL, REST API, GraphQL

App Development — Xamarin, Unity Engine

DevOps and Tools — NGINX, Jenkins, Makefile, Shell Script, Docker, Git, JIRA

RESEARCH INTEREST

Software Engineering, Artificial Intelligence, Machine Learning, Data Mining, NLP

TEST SCORES

International English Language Testing System

07/2023

Overall Band Score: 7.5

Listening: 7.5 | Reading: 8.5 | Writing: 6.5 | Speaking: 6.5

PROJECTS

CUE Front

06/2021 – present

Project for Stibo DX

- Developed a collection of web services that together serve content to client applications.
- Worked as one of the key developers and contributed to building features on all the Microservices.
- Technologies used: NodeJS, Python, TypeScript, PHP, GraphQL, NGINX, Docker, Shellscript.

CEL HRM

05/2020 – 05/2021

Project for Computer Ease Limited

- Developed Employee Profile, Attendance, and Authentication modules
- Worked on both the frontend and backend part.
- Technologies used: Angular, Typescript, C#, ASP .NET Core, MySQL

Human Resource Management System

08/2019 – 05/2021

Project for Computer Ease Limited

- Developed new modules in different payroll management systems for various clients.
- Implemented this project on all Desktop, Web, and Mobile platforms.
- Technologies used: C#, ASP .NET, Angular, Xamarin, and MySQL.

Canteen Management System (HRM)

01/2020 – 03/2021

Project for Computer Ease Limited

- Developed most of the core modules and also helped co-developers to design and implement.
- Worked on complex meal management modules and reports.
- Technologies used: Angular, Typescript, C#, ASP .NET Core, and MySQL

POS Management

05/2020 – 09/2020

Freelance Project

- Led a team of 3 members and worked on both frontend and backend services.
- Created POS management with all the useful features for a client in the United Kingdom.
- Technologies used: C#, WPF, Web API

AWARDS

Winner in Software Category

03/2018

Technomania- Intra Aust Project Show

Winner in Game Development Category

01/2018

National Robotech Festival - Bangladesh ICT Fest

CO-CURRICULAR ACTIVITIES

Footballer

Stibo DX Football Team (Participated in Inter Software Company Football Tournament twice)

Organizer

CodeWare18 (Organized a week-long annual program for CSE Department of AUST)