MOHAMMAD AMAZ UDDIN

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I am a programmer with expertise in competitive programming and extensive experience in developing web applications. I developed many web applications using **ASP.NET (Core, MVC, Entity Framework)**. I have participated in numerous programming contests and have a strong background in various fields of research, including IoT and AI. I am passionate about exploring new challenges and continuously expanding my knowledge and skills through hands-on experience.

SKILLS

- Good knowledge over programming languages like **C, C++, C#**.
- Experienced in **ASP.Net MVC, Entity Framework, ASP.Net Core, ASP.Net Core Web API, ASP.NET Boilerplate.**
- Experienced in **Angular, React, jQuery, Express.js.**
- Database software like **MySQL, MSSQL Server, PostgreSQL, MongoDB.**
- Good knowledge on **Git, Bitbucket, SourceTree.**
- Worked with reporting tools like **DevExpress, PDFMake and ExcelJS**.
- Work experience in **Machine Learning (ML), Deep Learning (DL), and Artificial Intelligence (AI), Natural language processing (NLP), and IoT**.
- Experienced in using software and tools like **Arduino, and MATLAB**.
- Knowledge on **HTML5, CSS, Bootstrap.**

JOB EXPERIENCE (3 YEARS +)

Company Name	: Summit Alliance Port Limited (SAPL)
Position	**: IT-Executive (Software Development ASP.NET)**
Duration	: (September 1, 2023 – **Currently Working**)
Company Name	: Energypac Power Generation Ltd., Dhaka, Bangladesh
Position	: **Programmer (Web Application Developer)**
Duration	: (March 16, 2023 – July 31, 2023) **(4 Months 15 Days)**
Company Name	: Oriental Oil Company Limited (An Enterprise of Alliance Holding Ltd.)
Position	**: IT-Executive (Software Development ASP.NET)**
Duration	: (March 1, 2021 – March 15, 2023) **(2 Years 15 Days)**

EDUCATIONAL BACKGROUND

Examination	Institute	Board	Year	Result
M.Sc in CSE	CUET	Chattogram	Running	-
B.Sc. (Hons) in CSE	BGC Trust University Bangladesh	Chattogram	2021	3.87
HSC	Islamia Degree College	Chattogram	2016	4.17
SSC	Khaja Ajmeri High School	Chattogram	2014	5.00

TRAINING AND CERTIFICATE

- **Web Application Development-Dot Net.** **2019**
  BASIS Institute of Technology & Management (BITM)
  Duration: 3 months (26/01/2019 – 29/04/2019)

PROGRAMMING EXPERIENCE

- **International Collegiate Programming Contest (ICPC)**   **2018, 2019**
  Preliminary round – Dhaka Regional
- **National Collegiate Programming Contest (NCPC)**   **2018, 2020**
  Organizer: ICT ministry of Bangladesh
- **Inter-University Programming Contest**
  Organizer: University of Science & Technology Chittagong   **2018**
  Organizer: North South University   **2018**
  Organizer: Chittagong University of Engineering & Technology   **2017-2019**
- **Intra University Programming Contest**   **2017- 2020**
  Organizer: BGC Trust University Bangladesh

SOFTWARE DEVELOPMENT

- **Asset Management System (SAM)(Energypac)**

- **Case Management System (CAM)(Energypac)**

  Using ASP.NET Core MVC, Entity Framework Core, jQuery, MSSQL

- **Resort Management System (RMS) (OOCL)**

- **Sales Inventory Management System (SIMS) (OOCL)**

- **Weight Management System (WMS) (OOCL)**

  Using ASP.NET Core Web API, Angular, and PostgreSQL

- **Online Jokes Site**

- **Employee Transport Management System**

- **Hospital Information System (WeMedCare)**

  Using ASP.NET, MVC, Entity Framework, jQuery, MSSQ

PUBLICATIONS

- An Explainable Transformer-based Model for Phishing Email Detection: A Large Language Model Approach.
- ExplainableDetector: Exploring Transformer-based Language Modeling Approach for SMS Spam Detection with Explainability Analysis.
- Cyber-Attack Detection Through Ensemble-Based Machine Learning Classifier.
- The Efficacy of Deep Learning-Based Mixed Model for Speech Emotion Recognition.
- Gender and region detection from human voice using the three-layer feature extraction method with 1D CNN.
- Gender Recognition from Human Voice using Multi-Layer Architecture.

IoT PROJECTS

Real-time river water quality monitoring system

Using Arduino, Sensors, Thingspeak cloud platform

Smart irrigation with IoT.

Using Arduino, Sensors, Thingspeak cloud platform

Line Follower Robot

Using Arduino, Sensors

REFERENCES

Munmun Biswas
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