Md. Jafril Alam

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SUMMARY

Passionate Software Engineer with a proven track record in developing innovative AI and ML-powered Software solutions. Proficient in a diverse range of programming languages, frameworks, databases, and tools. Committed to leveraging technical expertise to drive impactful results. Seeking a challenging role to contribute to cutting-edge software projects and collaborate with talented teams.

EXPERIENCE

Intern Mar 2024 – July 2024
Artificial Intelligence Institute of South Carolina *USA*
- Conducted research on LLM, Hallucination Optimization and NLP
- Developed web app for data collection and visualization
- Tech : Python, C++, Flask, Pytorch

Data Scientist and Quant Nov 2023 – Feb 2024
Anchorblock Technology LLC *Dhaka, Bangladesh*
- Stock Market Analysis using Zipline and Quantstat
- Tech : Python, C++

Trainee Machine Learning Engineer Jun 2023 – Aug 2023
Bista Solution Inc. *Dhaka, Bangladesh*
- Developed and deployed LLM based chatbot
- Tech : Python, Django, Langchain, Pytorch, Flask, HTML, CSS, SQL and NoSQL Database

EDUCATION

Khulna University of Engineering & Technology Khulna, Bangladesh
B.Sc.(Engineering) in Computer Science and Engineering *April 2023*

TECHNICAL SKILLS

Programming Languages: C++, Python, Javascript, PHP, MATLAB

Development: Django, HTML, Bootstrap, Laravel, React JS, ASP.NET, CSS, Tailwind, REST API

Database and Query: Oracle, PostgreSQL, SQL, MySQL, MongoDB

SQA: Basic Selenium and basic Postman

AI: TensorFlow, PyTorch, Keras, NumPy, Pandas, Scikit-learn, OpenCV

Others: Git, Linux, Basic Networking, Hugging Face, Basic Docker

Soft Skill: Communication, Leadership, Adaptability, Teamwork and Strong Ethics

PROJECTS

Digital Diary Source Code | Live Demo
A full-stack web app to securely save notes,passwords,& confidential information. *Django, React JS, HTML, PostgreSQL*
- Features: Sign Up, Sign In, Add, Modify and Store Information.
- Authentication and Secure Data Storage Method is deployed.

Customer Documents API Source Code
A simple API to handle trading documents of customers *Laravel, Postman, JSON, MySQL*

• Provides Consumer and Documents information

Contest Alert Chrome Extension Source Code | Live Demo
A chrome extension for programming contest notification *JavaScript, HTML, CSS*
- Provides upcoming contest lists
- Notifies before the contests and easy to use

Automatic Radiotherapy for GI Tract Cancer Thesis
Thesis *Tensorflow, Keras, W&B*
- A Dilated Convolution and Network Design Space Based Image Segmentation Model to Segment Healthy GI Tract of Cancer Patients

k-Pharma Source Code | Live Demo N/A
a web app for pharmacy management that was a project of a university course *ASP.NET, C#, SQL, CSS*
- Features : LogIn, LogOut, Admin Panel, Add and Update cart, Order
- Order edicine from home and get delivery

ACHIEVEMENT

- 50 Days Badge 2024 : Top 6.9 % of LeetCoders solving problems in 50+ days
- AWS AI & ML Scholarship from Amazon Web Services(AWS)
- 16th at Bangladesh Chemistry Olympiad(Cumilla Region)
- Kaggle Dataset and Notebook Expert