AL-MOMEN REYAD

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Github | Linkedin | Portfolio

Career Objective

To leverage my skills in software development and artificial intelligence to contribute to innovative and impactful solutions.

Skills

- Programming Languages: JavaScript, TypeScript, Python, C++
- Web Development: HTML5, CSS3, React, Express, Tailwind CSS, Next, Redux Toolkit
- Databases & Development Tools: MongoDB, Git, GitHub, Netlify, Firebase, Vercel
- Machine Learning: Deep Learning, Computer Vision, Federated Learning, Ensemble Learning, NLP

Experience

AI Engineer — Softvence Agency
June 25, 2025 – Present
- Developed deep learning models for image classification and computer vision tasks.
- Built Retrieval-Augmented Generation (RAG) applications to enhance AI-assisted information retrieval.
- Collaborating with cross-functional teams to integrate AI solutions into client applications.
- Integrated OpenAI API for various AI-powered solutions like custom chatbots.

Projects

- **Bicycle Store: Bicycle e-commerce platform** - A bicycle e-commerce platform for customers to buy bicycles and admins to manage products, orders, and users.
Live Site | Client Link | Server Link
Technologies: React.js, MongoDB, Express.js, Redux Toolkit, TypeScript, SSLCommerz, JWT
Key Features:
  - ➢ Customer can order the bicycle
  - ➢ Secure user authentication using JWT
  - ➢ Secure transactions with SSLCommerz

- **Brain MRI Analysis Platform: AI-Powered Medical Diagnosis System** - A secure and decentralized MRI analysis system ensuring privacy, integrity and accurate predictions.
Technologies: Django, Federated Learning, VIT Model, Encryption
GitHub: Project Link
Key Features:
  - ➢ Patients can securely send Brain MRI images to doctors

➢ Integrated a pre-trained AI model (ViT) to generate predictions from the images
➢ Utilized federated learning concept for distributed model training

• **Device Master: Mobile & Laptop Repair Service** - Device Master is a platform for booking mobile and laptop repair services with secure payments and blog insights.
Live Site | Client Link | Server Link
Technologies: React.js, MongoDB, Express.js, Node.js, Stripe
Key Features:
➢ Book repair services securely
➢ Make payments with Stripe
➢ Admin can add and publish helpful blogs

Education
• Bachelor of Science(B.Sc.) in Computer Science and Engineering
  United International University, Dhaka, Bangladesh
  2020 - 2025
  CGPA: 3.86

• Higher Secondary School Certificate(HSC)
  Engineering University School and College, Dhaka, Bangladesh
  Passing Year: 2019
  GPA: 4.90

• Secondary School Certificate(SSC)
  Shanarpar Sheikh Mortoza Ali High School, Dhaka, Bangladesh
  Passing Year: 2017
  GPA: 5.00

Achievements & Certifications
• Intra University AI Contest (Fall 2022)
  1st Runner-up (Certificate)

• CSE Project Show (Spring 2023)
  Microprocessor and Microcontroller Laboratory
  Champion (Project - IT Component Lender, Certificate)

• CSE Project Show (Fall 2023)
  Final Year Design Project-1
  2nd Runner-up (Poster)

Publication
• *E-MedViTR: Enhanced Vision Transformers with Registers for Biomedical Image Classification* (IEEE Xplore). 2024 6th International Conference on Electrical Engineering and Information & Communication Technology (ICEEICT).