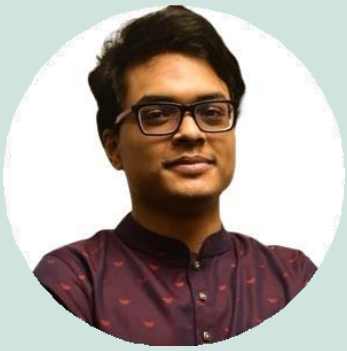

Get in touch!

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Phone: +8801706325599

Address: Bashundhara R/A, Dhaka-1229

Technologies and Tools Skills

Programming Language: Python, Java, C++, C#, JavaScript.
Backend: Django, Flask, FastAPI, ASP.Net, FoalTs.
Frontend: React, Angular, Bootstrap Tailwind CSS.
Cloud Platform: AWS, Linode.
Database: MySQL, PostgreSQL, MongoDB.
Version Controlling: GitHub, Bitbucket.
CI/CD Tools: GitHub Actions.
Project Management Tool: Jira.

Core Competency

- Working as a Software Engineer.
- Experienced with Django, Angular, and React.
- Server management on Linode.
- Implementing RESTful web APIs.
- Worked on Machine Learning, Deep Learning, Transfer Learning and Image Processing.
- Researched on 6G Communications.

Academic History

Bachelor of Science in Computer Science & Engineering
East West University, 2019-2023
CGPA: 3.53

Medha Lalon Scholarship Publication: Energy-Efficient AI Models for 6G Base Station.

Higher Secondary Certificate Notre Dame College, 2015-2017

GPA: 5.00

Secondary School Certificate
Ideal School and College, 2009-2015

GPA: 5.00

MAHADI KARIM MUNIF

About

I earned a bachelor's degree in computer science engineering from East West University. Programming is my passion, and I am proficient in languages such as C, C++, C#, Java, Python, JavaScript, and SQL, as well as NoSQL databases. My interests extend to creating diverse Android apps and web applications using tools like Django, Flask, ASP.Net, and Android Studio. Additionally, I enjoy tackling coding challenges from different platforms. I possess experience in data science, machine learning, web scraping and image processing as well.

Work Experience

Software Engineer
Zabai | April 2024

- Developing websites for LMS (Learning Management System), HRM.
- Managing and Hosting server on the Cloud.
- Using Ansible to set up hub servers.
- Implemented Solr search using Django.
- Have experience with Angular, Tailwind CSS.
- Have experience with Bitbucket, Jira.

Personal Projects
Inflammatory Skin Disease Classification Using Transfer Learning (Capstone / Thesis)

- Python (Transfer Learning, Image Processing)
  Employing transfer learning, augmentation, and image processing techniques, we successfully classified 18 types of skin diseases. Our approach resulted in an impressive accuracy rate, reaching the pinnacle at 93%.

Advising Portal

- **Python (Django), MySQL**
  A Django-based Advising System designed for universities enables students to select courses during advising sessions. It empowers them to compute their CGPA, access their class schedules and grades, and update their profile information. Instructors and advisors can utilize the system to add courses, view class schedules, and submit grades for students.

Recipe Website

- **Python (Django), PostgreSQL**
  A recipe app using Django Rest Framework, following the principles of Test-Driven Development (TDD). Users can create recipes, attach tags to categorize them, and include a list of ingredients for each recipe. This approach ensures a robust and thoroughly tested system, providing users with reliable and feature-rich experience in managing their recipes.

Group Chat

- **Python (Django), PostgreSQL**
  A user-centric group chat or study chat system, enabling users to create and join various rooms. Within these rooms, users can engage in topic-specific discussions and keep track of recent activities within other groups. This feature-rich platform empowers users to seamlessly navigate, contribute, and stay informed within their chosen communities.

E-Commerce Website

- **Python (Flask), Image Processing**
  A self-created e-commerce website has been crafted, offering users a seamless platform to purchase products. Membership holders are entitled to exclusive discounts on every item. The inclusion of an admin panel allows for independent product management, facilitating tasks such as product addition, deletion, and quantity adjustments.