Get in touch!

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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, and ASP.Net. 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 | 2024-Present

My current responsibilities encompass the development of a Learning Management System leveraging Django CMS and TailwindCSS. Furthermore, I have successfully constructed an HRM system for Zabai, utilizing FoalTS and AngularJs. In addition, I oversee server management operations on Linode.

EduHub

- **Python (Django), TailwindCSS, Solr, Ansible**

The Learning Management System (LMS) has been developed leveraging Django, TailwindCSS, and GrapesJS technologies. This platform enables student enrollment in courses, providing access to educational resources. Integrated within the LMS is a Career Guidance Tool, built upon the RIASEC model, designed to assist students in identifying potential career paths aligned with their interests following the completion of an assessment. Additionally, the system incorporates a leaderboard and a digital library. The homepage offers extensive customization capabilities using plugins. Currently, the system supports both Burmese and English language interfaces.

HRM

- **JavaScript (FoalTS, Angular)**

Designed and implemented an HRM system for Zabai to track attendance, manage leave entitlements, and display detailed log history. The system is actively evolving, with upcoming improvements to optimize performance, usability, and feature set.

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)**
  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.

Group Chat

- **Python (Django)**
  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.