Aung Min Myat

Full-Stack Developer

CONTACT

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EXPERIENCE

Full Stack Development

- **Habitify – Habit Tracker Web App**
  - Developed a **full-stack web app** to help users build and track daily habits using **React.js**, **Tailwind CSS**, **Node.js**, and **Express**.
  - Implemented user authentication, progress tracking, and analytics through **REST APIs**.
  - Focused on responsive UI, smooth user experience, and a scalable code structure; completed over approximately six weeks.
- **D-Mar Learn – Educational Platform for English Learners**
  - Created a **self-study educational platform** featuring lesson videos, exercises, and interactive games for English learners.
  - Designed the **frontend** with **HTML**, **CSS**, and **JavaScript**, and built the **backend** with **Node.js** and **MySQL** for content and user data management.
  - Focused on creating engaging, easy-to-navigate interfaces that support consistent learning and user interaction.
- **Progress Path – Personal Goal & Activity Tracker**
  - Built a **goal-tracking and productivity app** that helps users manage daily tasks, long-term goals, and personal routines.
  - Developed the **frontend** with **React.js** and **Tailwind CSS**, and the **backend** using **Node.js**, **Express**, and **MongoDB**.
  - Integrated a journaling tool, event reminders, and progress tracking dashboards to enhance productivity and user motivation.
- **AI Academic Advisor – Student Portal Hub (Capstone Project)**
  - Developed a **full-stack advising system** with **FastAPI** (backend) and **React.js** (frontend).
  - Integrated **AI features using PyTorch**, including a course recommendation engine, NLP-based chatbot, and scheduling assistant for conflict detection and planning.
  - Designed a **PostgreSQL database** with SQLAlchemy ORM to manage student profiles, courses, and lecturer data.
  - Built responsive dashboards with **React + Tailwind CSS**, featuring progress tracking and smart planning tools.

Python & Machine Learning

- Used **Python** in academic and personal projects for **data analysis**, **automation**, and **model building**.
- Applied **machine learning algorithms** such as regression and classification for predictive tasks, and practiced data preprocessing and visualization with **NumPy**, **Pandas**, and **Matplotlib**.
- Built small-scale **deep learning projects using PyTorch**, experimenting with foundational architectures including ANNs, CNNs, and RNNs, and explored introductory concepts of Transformers.
- Developed **a pixel-based desktop game** inspired by **Little Rogue**, applying **object-oriented programming** for character design, game logic, and level progression, enhancing both problem-solving and creative coding skills.

EDUCATION

International Leadership University
Bachelor of Computer Science (GPA 3.5/4.0)

International Leadership University
Certificate in Social Media and Online Adverstising

Harbour.Space University (Spain)
Master in Computer Science

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, JavaScript, Dart, C
- **Web Development:** HTML, CSS, React.js, Tailwind CSS, Node.js, Express.js, REST API Development, Authentication & Data Handling
- **Mobile Development:** Android Studio (Java, Kotlin), Flutter (Dart)
- **Databases & Development Tools:** MySQL, MongoDB, PostgreSQL, XAMPP, WAMP, Git
- **Application Deployment:** Hands-on experience installing and configuring WordPress, Floreant POS, Moodle, and Dolibarr ERP.
- **Hardware Support:** Proficient in full PC assembly/disassembly, component installation, and hardware troubleshooting.
- **Operating Systems:** Experienced in installing, configuring, and troubleshooting Windows and Linux environments.
- **Technical Support:** Skilled in diagnosing and resolving software and hardware issues.

SOFT SKILLS

Communication   Teamwork   Problem-Solving   Adaptability

Creativity & Innovation   Critical Thinking

HOBBIES/ INTERESTS

- Reading (technology and personal development topics).
- Exploring AI and game development.
- Video games (story-driven and team-based).
- Regular workouts and fitness training, hiking and outdoor activities.
- Journaling for self-reflection and productivity.