



Pai Min Thway

IT Software Engineer

Profile

Dynamic IT Software Engineer with a strong foundation in software development and expertise in creating innovative solutions. Have hands-on experience leading projects and designing sophisticated systems. Background includes a focus on embedded systems, and adept at integrating advanced technologies into practical applications. Enjoy finding creative solutions to problems and ready to build effective solutions.

Project Experience

Software Development

- **Lotus Shrine:** A web-based buddha application combining modern web development with AI integration for meditation. (role - integrating APIs leading the complete AI integration)
- **Bagan Fomo:** A web application to showcase the history and experience of Bagan, allowing users to view and interact with its rich cultural heritage. (role - frontend)
- **OpGo!!:** A web-based educational simulator designed to simplify the learning of microprocessor architecture. (role - integrating typescript functions)
- **EduPathMM:** An educational platform for Myanmar students that helps them explore careers, find the right institutions, and get expert guidance. (role - fullstack)

Embedded software programs to control robotic

- **Alpha Rover:** A multifunctional rover with a robotic arm, built as a prototype for a crawler crane.
- **Bank Security System:** An advanced, multi-layered security system utilizing an Arduino board and an ESP32 camera for real-time monitoring and threat detection.
- **Interactive Mobile Delivery EV Robot:** An autonomous delivery robot for campus logistics, a “research-funded” project with a budget of approximately \$800.

Education

Bachelor of Engineering (Hons), CSE
Myanmar Institute of Information Technology (MIIT)

November 2022-Present

- Undergraduate
- Major - Computer Science and Engineering (CSE)

Details

- Mandalay, Myanmar
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Skills

- Programming
- Web Developing
- Efficient Learner
- Time Management
- Related Skills
 - Efficient coding with AI
 - Linux
 - Working with IoT devices
 - Strong basic knowledge with Computer Networking