

BHONE AUNG KYAW

Senior Full-stack Engineer

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SUMMARY

Senior full-stack engineer with 10+ years of experience building business software, web and mobile apps, and REST APIs. As Senior Team Lead, led developers and built key systems, including a video social platform, a payment gateway, and the nation's first Fantasy Football League. Skilled in PHP, Laravel, JavaScript, TypeScript, React, React Native, Node.js, Express, NestJS, MySQL, MongoDB, and AWS cloud computing platform. Since April 2026, working as a freelance full-stack engineer, including projects for Triumsoft.

EXPERIENCE

Myanmar Media Linkage – Senior Software Engineer / Senior Team Lead

October 2019 – April 2026

- Designed and developed the backend and REST API for an agriculture app in partnership with [Myanmar Posts and Telecommunications](#).
- Maintained and added new features to the [MPT4U app](#) and [lotaya.mpt.com.mm](#), one of the largest web portals in Myanmar, using Laravel and Angular.
- Promoted from Senior Software Engineer to Senior Team Lead, leading developers across multiple products and working daily with designers, clients, and stakeholders.
- Led the development of **Tay4U**, a video social platform that became the company's main product and core source of revenue.
- Designed and architected a payment gateway system for the company's internal and external products.
- Contributed to a video transcoding and storage microservice on AWS S3, shared across the company's video products.
- Worked with the cloud engineer to migrate projects from the local data center to AWS, reducing the company's monthly costs.
- Architected, built, tested, and documented the admin dashboard and REST APIs for the nation's first **Fantasy Football League** using Node.js.

Alpha Plus – Senior Web Developer

July 2018 – July 2019 (1-Year Contract)

- Architected and developed an Inventory Management and Trade Tracking System for warehouses from scratch using PHP.
- Designed and developed two static websites for travel and tour agencies.

Novitee – Web Developer / Backend Developer

January 2016 – June 2018

- Built the [Purchasing and Inventory](#) backend system from scratch for the company's F&B solution using Laravel.
- Developed and shipped a [Kitchen Display System](#) with Laravel, Node.js, and Socket.IO for real-time communication between devices.
- Designed and developed a Hotel Management System in PHP, including a custom C# printing function for the passport reader.

SEA Net Technology – Web Designer / Junior Programmer

February 2013 – December 2015

- Designed and developed front-end pages for [shwedagonpagoda.com](#), the official website of Shwedagon Pagoda.

- Built the [Maha Dhamma Pala e-Library](#) using PHP.
- Worked in the team that developed the **2013 SEA Games Equestrian (Endurance) Scoring System** for coaches using C#.
- Maintained and tested the data storage process for printing Seafarers' OCR machine-readable identity documents for the Ministry of Transport.

PROJECTS

Built each project end to end, from business requirements to launch.

Biz-Copilot – Freelance project for Triumsoft

bizcopilot.triumsoft.net

A 24/7 sales automation platform that helps businesses capture orders, validate payments, and sync inventory in real time.

Tech: NestJS, React Native, PostgreSQL · *Login required, demo available on request*

Eurus Mind – Freelance project for Triumsoft

triumsoft.net

A voice-first daily journal for Burmese speakers. Users talk about their day, and AI organizes it into a clear daily record.

Tech: NestJS, React Native, PostgreSQL · *Login required, demo available on request*

Blood Help – Charity project

blood-help-ten.vercel.app

A charity platform that quickly connects blood donors with patients in need.

Tech: React, Vite, Supabase

Quran MM – Charity project

quran-mm.vercel.app

An offline-first Quran app with Myanmar translation and offline audio, installable as a PWA.

Tech: React, TypeScript (strict), Vite, React Router, vite-plugin-pwa (service worker), CSV data

Infotainment Web App – Personal project

A responsive, mobile-first web app bringing news, novels, and videos into one platform.

Tech: React, Material UI, React Router, TanStack Query, json-server (mock REST API)

EDUCATION

Bachelor of Science (Physics)

Bago University, February 2012

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

Amazon Web Services, 2025

Verify: aws.amazon.com/verification · Validation No: e423f31a1d5a407496437b7962a78c13

CS50x: Introduction to Computer Science

Harvard University, 2022

Certificate: cs50.harvard.edu/certificates/192eacc0-04d5-440f-bf15-318c9bcc8e0c

Nanodegree Program (React)

Udacity, June 2022

Diploma in Software Engineering

Cambridge ICT, November 2011

SKILLS

Programming Languages	: PHP, JavaScript, TypeScript, Python, C#
Libraries and Frameworks	: Laravel, React, React Native, Node.js, Express, NestJS, Bootstrap, Material UI, Tailwind CSS
Tools and Platforms	: Git, Docker, CI/CD, Vite, Webpack, Firebase, Vercel, AWS
Database	: MySQL, PostgreSQL, MSSQL, MongoDB, Supabase
Expertise	: Team Leadership, System Design, Testing, AI Integration, Payment Integration, Cloud Infrastructure
Spoken Languages	: English (Upper-intermediate), Japanese (JLPT N4)