Wai Yan Aung

WhatsApp, Line - +66987198053 · waiyanaung.phomin@gmail.com · LinkedIn · GitHub · Portfolio
Thailand - Pathum Thani

SOFTWARE ENGINEER

Enthusiastic Software Engineer with Expertise in Python, Flask, Django, Javascript, Mircroservices and Cloud Computing. Results-driven Software Engineer with 4 years of experience in developing web-applications, scalable microservices. Proven ability to design and implement high quality services in agile environments. Strong collaborator with a focus on performance, scalability and efficient solutions.

SKILLS

CORE STACK	ARCHITECTURE	DEVOPS	TESTING
Python, Flask, Django	MySQL, Oracle, Redis	Docker, CI/CD	Unit Testing
JQuery, React	Microservice Architecture	GitHub, Git Lab	JMeter
PHP, Laravel	Event Driven Systems	AWS, RHEL	Agile / Scrum
MEAN stack	REST APIs, SOAP	Shell Scripting, Cron	

PROFESSIONAL EXPERIENCE

Freelance Engineer, Thailand   **Current**
Self Employed Freelance Engineer - Laravel, Mean Stack

- Developed and maintained a large-scale Laravel-based enterprise CMS for **NOV's Rig Technologies** division.
- Designed a system to digitize engineering PDFs into structured CMS data and automatically generate reports for rig operations.
- Led a 2-person engineering team, assigning tasks, reviewing code, and ensuring delivery quality.
- Conducted UAT testing, bug fixing, and production support.

Ooredoo Myanmar Limited, Yangon   **March 2023 - Oct 2025**
Software Development Engineer - Python, Flask, Django, Oracle
Ooredoo is a leading telecommunications provider in Myanmar, delivering top-notch services and solutions nationwide

Career Highlights
- **E-SIM Project**: Contributed to solution design and database architecture, development with Laravel, resulting in enhenced user journey and market competitveness.
- **Loyalty Module Migration**: Migrated from Laravel to Python, modernizing the platform and improving performance, scalability and maintainability by leveraging microservices architecture.
- **Ox Tool (IAM)**: Migrated from Code Ignitor to Laravel, integrating new business logics, enhancing user journey with robust performance. Since this is the tool vital for managing network and infrastructure.
- **VoLTE Provisioning**: Developed automated VoLTE provisioning commands, streamlining integration with core servers, smooth user journey and enhancing operation efficiency. Also developed managed service portal with PHP.
- **Portals Development:** Created multiple portals with both PHP and Python that integrated with different services for different departments resulting in improved efficiency across ICT.
- **Microservices Integration:** Integrated event-driven microservices, resulting in fulfilling business needs and fast market delivery, alongside with collaborating vendors, ultimately increasing overall service efficiency

Axle Tech, Yangon   **Jan 2023 - March 2023**
Web Developer - Laravel

Axle Tech is a start up that works on innovative digital solutions.

- Design and implemented efficient database architecture for a real estate website.
- Collaborated on back-end development using Laravel, Bootstrap, Javascript.
- Demonstrated proficiency in Git and GitHub.
- Cultivated strong teamwork as long side with debugging, testings and demonstrated problem solving with project planning

SoftComm by KMD, Yangon   **Oct 2022 - Jan 2023**
Intern - Laravel, Mean Stack
KMD is well known in Myanmar as IT and Mobile Sales, SoftComm is the inhouse development team of KMD.

- Fostered skills in creating practical web applications, including.the debugging and testings.
- Developed Real-World POS utilizing, Laravel, Bootstrap and Javascript
- Worked in Agile environment, participating in project planning, with collaborative settings.
- Cultivated excellent teamwork within a month of working with a team.

PERSONAL PROJECTS

Freelance
- **Enterprise CMS for NOV Rig Technologies, Chat Bots**

Websites
- Air Pollution Website, Food-Ordering Website, IT sales Website

Android App
- M-expense App to track internal employees' business expenses

IOS App
- Dice App, Xylophone App, and Egg timer

Computer Vision
- Interactive CV Toolkit (Webcam) — Real-time color modes, filtering, edge detection, panorama stitching, camera calibration, and AR rendering with 3D models.
- Implemented YOLOv8 + GrabCut hybrid segmentation, built an FCN (ResNet18 encoder) with upsampling comparison on COCO, and developed a convolutional VAE on MNIST with latent-size analysis

EDUCATION & CERTIFICATIONS

Masters in Computer Science (Pursuing)

Asian Institute of Technology

Bachelor of Science(Hons) in Computing

GPA - First Class Honors
University of Greenwich

Level-5 Diploma in Computing

GPA - Distinction
NCC Education

Level-4 Diploma in Computing

GPA - Merit
NCC Education

LANGUAGES

Burmese
Native

English
Billingual

Japanese
Novice