

# NAY OO LWIN

Bangkok, Thailand

Full Stack Developer | Open Source Contributor | Freelancer | AI Practitioner

📞 +66946277650    ✉️ [nayoolwinpersonal@gmail.com](mailto:nayoolwinpersonal@gmail.com)    🌐 [nayoolwin.dev](https://nayoolwin.dev)    📺 [nay-oo-lwin-4b3976199](https://www.youtube.com/channel/UCaHyRoZoWFP2gSzBGJWYIw)  
🔑 [NayOoLwin5](#)    📄 [017d50ae9f5045d0b1](#)    📺 [UCAHyRoZoWFP2gSzBGJWYIw](#)

## Language Skills & Citizenship

**Languages:** Fluent in English; Proficiency in Burmese and Tamil  
**Nationality:** Myanmar

## Technical Skills

**Programming languages:** JavaScript, Typescript, Python, Golang, PHP  
**Tools/Utilities:** NodeJS, Mongodb, Mongodb Change Streams, Postgres, Redis, Memcached, GraphQL, REST, supabase, celery, prisma, JWT Auth, React, CI/CD, Bull.js, RabbitMQ, apm, sentry, zerolog, Node-RED, Shadcn UI, Redux, MUI, Tailwind CSS, websocket, unit test using jest, vitest, react testing library, docker, mqtt, OpenCV  
**Frameworks:** Express.js, Sail.js, Nest.js, Gin, FastApi, React, Next.js, Vue.js, Laravel, Odoo, ROS and Gazebo

## Education

**JNTU College of Engineering Hyderabad, India**

*Bachelor of Technology (Mechanical Engineering)*

**July. 2017 – May 2021**

*Hyderabad, Telengana*

## Freelancing

### Upwork

**May 2025 – 2025 Sep**

*AI Backend Developer with FastAPI for Backlink Automation (part time, remote)*

*United States*

- Developed a **domain-driven design FastAPI** backend that automates backlink outreach: built a **Google-search** wrapper that discovers blogs and landing pages, scrapes contact emails with **Selenium**, and feeds validated leads into **Smartlead** for automated outreach
- Implemented an AI-powered social post scheduler using **Celery** workers to generate captions, hashtags and image keywords; rendered templated posts (**Jinja2**) to images with **Playwright** and published them via **Facebook OAuth + Meta Graph API**
- Tech: FastAPI, Selenium, Playwright, Jinja2, Celery, Smartlead, Meta Graph API, OAuth, Google Search API (custom)

## Experience

### Silent Partner

**Dec 2024 – Present**

*Fullstack Developer (full time, remote)*

*United States*

- Worked on **CRM and DMS integrations** to nurture leads and convert them into potential customers
- Architected and maintained a flexible **FastAPI** backend system, seamlessly integrating diverse third-party APIs and services using a modular design and standardized error-handling protocols
- Developed multiple **OAuth configurations** for CRM systems to facilitate seamless client onboarding and effortless connectivity with our platform
- Designed and maintained internal portal features using **React** to meet varied business needs and deliver an intuitive user experience

### Tensorplex Labs

**March 2024 – Nov 2024**

*Backend Developer (full time, remote)*

*Singapore*

- Developed and maintained **ethereum and substrate web3** wallet authentications flow that includes wallet and signature verification with message against the blockchain networks and developed **JWT auth** flow in **Gin Golang**
- Developed long running background jobs in **FastApi** using **celery** for loads of requests handling and **websockets** to notify user that task has been completed
- Took responsibility of file storage migration from **supabase to S3 in FastApi**
- Maintaining Gin and FastApi backend systems for the RESTFUL APIs and background running services

## AYAPAY Digital Wallet (Ayeyarwady Bank Ltd.)

May 2022 – May 2024

Fullstack Javascript Developer (full time, on-site)

Yangon, Myanmar

- Developed push notification microservice using **Express.js** and **firebase-admin**. Implemented scheduled cronjob to query all the tokens from the database once in a day and stored them in **Redis cache**. Implemented a **Redis based queue using Bull.js** to queue each 500 tokens to send via firebase-admin
- Worked on a **Nest.js** event-driven microservice architecture that watches insert/update database operations with **Mongodb Change Streams** to sync data with another database. The high frequency data are triggered and added in Redis queue by avoiding duplication with locking mechanism. Added retry flow for any failed event to execute the job again
- Developed a instant cashback campaign application that is able to run multiple campaigns concurrently using **multi-threaded architecture** and made use of bull.js redis queue for each cashback handling in Express.js
- Worked on internal portals enhancements with **React** like creating forms using **form.io** and enhancing dashboards and list views for better pagination and skeleton loading views
- Took responsibility of third-party services integration of online billers on **Node-RED** for request/verify payment transactions

## Global Connect Asia(ERP)

Dec 2021 – 2022 April

Odoo Web Developer (full time, on-site)

Yangon, Myanmar

- Research and development of **Odoo** related technologies
- Designed and Customized Odoo modules based on clients needs by understanding their business workflow
- Wrote and supported extended API and interfaces with other key business systems

## JdeRobot(open source)

Dec 2020 – 2021 Feb

Software Engineer Intern (internship, remote)

Spain

- Developed a web-template with **ROS** and **Gazebo** for running autonomous navigation simulation
- Used **Gzweb** as server and let it communicate with **Gzclient** on web browser via websocket connection
- Used docker technology for running the server for less CPU and GPU consumption
- Developed better UI only with Vanilla JS and CSS