Shwe Hnit Oo

full-stack software developer

✉ rachel.shwehnit@gmail.com   📞 +959959065619   🔗 rachelsho.com   ⊙ github.com/rachelhnik

in linkedin.com/in/shwe-hnit-oo-82901a27a   📅 14/4/1999   📍 Yangon, Myanmar

Skills

Langauges — Javascript │ Typescript │ Node.js │ C++

Frameworks/Libraries — React.js │ Next.js │ Redux │ RTK query │ Express.js │ Nest.js

Database — Postgresql │ MongoDb

Devops — Gitlab │ Github actions │ Nginx │ Docker │ Ansible │ New relic │ Prometheus │ AWS basics

Profile

Skilled software developer with expertise in JavaScript, TypeScript, Node.js, and full-stack web development. Thrives on solving complex problems and enjoys learning and experimenting with new technologies. Eager to work in a collaborative environment where team members support each other, share knowledge, and tackle challenges together.

Professional Experience

Fullstack web developer
Remote

07/2023 – present
Bangkok, Thailand

- Developed and maintained a hotel management software using Next.js, PostgreSQL, and cloud services (Google Cloud, Hostinger, DigitalOcean).
- Implemented Redux and RTK Query for efficient data fetching and state management, improving debugging and reducing development time.
- Designed and optimized a scalable database schema, reducing migration issues by 90% through structured procedures.
- Wrote and optimized complex SQL queries to efficiently retrieve and format large datasets for interactive charts and dashboards.
- Enhanced data visualization dashboards using Chart.js, integrating API-driven queries for real-time business insights.
- Automated monthly report generation and email delivery using Puppeteer and Postmark, improving operational efficiency.
- Implemented a queue-based architecture to resolve server memory limitations, ensuring stable automation of report generation.
- Integrated WebSockets for real-time updates and notifications, enhancing the user experience.
- Co-developed a CI/CD pipeline using GitHub Actions, Docker, and DockerHub for seamless deployments on Hostinger.
- Led an app testing initiative, resulting in 30 trial users, with 10 converting to paying customers during early development.

Personal Projects Experience

Clinic Management App
- Tech Stack: TypeScript, Node.js, NestJS, Next.js, MongoDB, SWR, Docker, Ansible, GitHub Actions, AWS (EC2, S3)
- Developed and deployed a full-featured clinic management system to manage inventory, appointments, and communication.
- Leveraged NestJS for a structured and scalable backend architecture.
- Deployed on AWS EC2 using Docker, Ansible, and GitHub Actions, ensuring a smooth CI/CD pipeline.

Github repository link for frontend ⧉ and backend ⧉

Devops Projects
- Completed a hands-on training program focused on DevOps culture, preparing for junior-level DevOps roles.
- Gained practical experience through lab projects, working with industry-standard tools and best practices.

Skills Acquired: Linux, Version Control (Git), Web Server Management (Nginx), CI/CD (GitLab, GitHub Actions), Containerization (Docker), Monitoring and Observability (New Relic, Prometheus, and Grafana), AWS Cloud Services (EC2, S3, and Lightsail)

Languages

Burmese • English • Japanese

Education

University of Medicine 2	12/2015 – 02/2022
	Yangon, Myanmar
Msquare programming coding bootcamp	12/2022 – 06/2023
	Online
Devktops Devops Training Center	08/2024 – 11/2024
	Online

Courses

Programming Fundamentals ⧉
Duke university (Coursera)

Mastering Data Structures & Algorithms using C and C++ ⧉
Udemy, Instructor- Abdhul Bari

SQL and PostgreSQL: The Complete Developer's Guide ⧉
Udemy, Instructor- Stephen Grider