Rotha Dapravith

Software Developer and DevOps

+85589937798 ◇ dapravithrotha@gmail.com ◇ Sangkat Russeykeo Khan Russeykeo, Phnom Penh, Cambodia ◇

Nationality: Cambodia ◇ Gender: Male ◇ LinkedIn ◇ Portfolio ◇ GitHub

ABOUT ME

Full-stack and DevOps-focused software developer passionate about building clean, scalable systems. Experienced with Spring Boot, NestJS, Docker, and CI/CD pipelines. Motivated by real-world problem solving and continuous learning.

EXPERIENCES

General Secretariat of Digital Government Committee — Oct '24 — Present
Java Software Engineer — Phnom Penh, Cambodia
- Design, develop and maintain new features applications.
- Implement and maintain feature using Springboot framework.
- Develop and integrate Single Sign-On(SSO) solutions using Keycloak as Auth service.
- Support the deployment system in cloud environments

Ministry of Economy and Finance — Feb '24 — Jul '24
Software Development system and DevOps Intern — Phnom Penh, Cambodia
- Contributed to DevOps Integration and SSO initiatives.
- Managed automation deployment, Dockerized applications, web server configuration, and secure sites.
- Set up Telegram for project deployment monitoring and Jenkins' CI CD pipeline process alerts.

Institute of Technology of Cambodia — Jul '23 — Oct '23
Web Developer internship — Phnom Penh, Cambodia
- Utilized MERN Stack (MongoDB, ReactJS, NodeJS, ExpressJS).
- Utilized mobile apps for QRCode scanning.
- Integrated with API using Postman.

Camcyber Digital Tech Team — Feb '23 — May '23
DevOps Trainee — Phnom Penh, Cambodia
- Completed DevOps training covering modern toolchains and practices
- Hands-on with Linux command line and server configurations
- Used Ansible for configuration management and basic Docker Swarm orchestration
- Monitoring Application used Grafana and Prometheus, Loki

PROJECTS

Single Sign-On System and DevOps (Final Year Internship Thesis), General Legal Council of Ministry of Economy and Finance Link — Feb '24 — Jul '24 / Phnom Penh
- Secure web client application with SSO system.
- Authorized token with OAuth2.0.
- Record user session, applications and device activity status.
- CI CD, GitLab, Docker, Nginx and Jenkins for automated deployment.

E-Commerce Management System , Institute of Technology of Cambodia Link — Dec '23 — Jan '24
- Technologies: ReactJS, Tailwind CSS, ExpressJS.
- Using MongoDB database.
- Version Control GitLab.
- Provision: Trello
- JWT Authentication

Delivery Service Management System (Year4 Internship Thesis), Institute of Technology of Cambodia Link — Jul '23 — Oct '23
- UI Design with Figma.
- Using ReactJS and Integrate REST API ExpressJS.
- Build QR-Code on mobile device use React-Native.

Accessories Store Management System, Institute of Technology of Cambodia Link — Apr '23 — Jul '23
- Frontend: VueJS, and Tailwind CSS.
- Backend: Laravel.
- Database: MYSQL.
- Hosting: Hostinger.

GIC Coffee Management System, Institute of Technology of Cambodia Link — Mar '23 — Jun '23
- Backend: Java Springboot.

- MYSQL Database.
- Implement with Spring Security.
- Frontend: HTML, Tailwind CSS

SKILLS

Programming   C, C++, Python, Java, JavaScript, TypeScript, PHP
Web Development   ReactJS, Angular, Vue, NodeJS, ExpressJS, NestJS, Springboot, Java, Laravel
DevOps   Docker, Jenkins, Kubernetes, Nginx, CICD, Ansible
Security Management   Single Sign-On, JWT, OAuth2, OpenID Connect
Database Management   MySQL, MongoDB, PostgreSQL
Version Control   GitLab, GitHub
Design and Prototyping   Draw.io, UML
System Architecture   Monoliths, Microservices Development
Languages   Khmer, English

EDUCATION

Bachelor's Degree in Computer Science, Institute of Technology of Cambodia (GPA: 3.0)

Nov '19 — Jul '24
Phnom Penh, Cambodia

- Graduated Computer Science Degrees from Department of Information and Communication Engineering

High school diploma in High school diploma in General Khmer Program, Russey Keo High School

Oct '13 — Aug '19
Phnom Penh, Cambodia

- High School's Diploma

CERTIFICATIONS

Computer Science Engineer's Degree