

ROTHA DAPRAVITH

Fullstack Developer



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About me

Full-stack developer passionate about building reliable and secure enterprise systems. Skilled in Java Spring Boot, REST APIs, and CI/CD automation. Strong understanding of microservices, containerization, and DevOps workflows. Focused on delivering scalable software solutions that improve performance and stability.

Professional Experience

General Secretariat of the Digital Government Committee, Java Developer

Oct 2024 – Sep 2025

Phnom Penh

- Built and deployed RESTful APIs with Spring Boot, improving system performance and response time.
- Integrated Keycloak SSO (OpenID Connect) for secure authentication and access control.
- Automated deployments using Jenkins CI/CD, ensuring reliable and consistent releases.
- Provisioned servers using Ansible on Ubuntu, simplifying environment setup.
- Worked with frontend and DevOps teams to enhance stability and monitor performance.

Secretariat of Legal Council of the Ministry of Economy and Finance, Software Developer and DevOps

Feb 2024 – Jul 2024

Phnom Penh

- Developed an internal system using Angular and NestJS with Keycloak SSO integration.
- Managed containerized deployments using Docker, GitLab, and Jenkins pipelines.
- Configured nginx and pm2 for load balancing and production reliability.
- Supported DevOps operations by automating testing and monitoring environments.

Institute of Technology of Cambodia, Fullstack Developer

Jun 2023 – Nov 2023

Phnom Penh

- Developed a delivery management system using the MERN stack.
- Built secure APIs with Express.js and JWT, integrated with React front-ends.
- Containerized apps using Docker and automated builds with GitLab CI/CD.
- Collaborated in Agile (Scrum) sprints, contributing to feature design and documentation.

Education

Institute of Technology of Cambodia, Computer Science Engineer's Degree

Nov 2019 – Jul 2024

Russeykeo Highschool, High school Diploma

Oct 2014 – Aug 2019

Skills

Backend

- Node.js
- Express.js
- Nest.js
- Java Springboot framework



Frontend

- ReactJS
- Next.js
- Angular



Database

- MySQL
- PostgreSQL
- MongoDB



Tools & DevOps

- Git, GitHub
- Linux
- Docker
- Nginx
- Jenkins
- Ansible
- Kubernetes
- AWS Cloud
- Portainer.io
- CI/CD



Security

- Single Sign-On (SSO)
- Keycloak
- IAM
- JWT
- OAuth2.0 Protocols(OIDC)



Languages

English



Khmer



Interests

- Microservices architectures
- DevOps
- Artificial Intelligent
- Blockchain Technology

Certificates

- Master Microservices with SpringBoot,Docker,Kubernetes | Udemy ↗
- Spring Security 6 Zero to Master along with JWT,OAUTH2 | Udemy ↗
- The Ultimate DevOps Bootcamp | Udemy ↗
- The Complete Full-Stack Web Development Bootcamp | Udemy ↗

References

Hok Tin, Lecturer, Institute of Technology of Cambodia

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Von Seyha, Senior Full-stack developer, Legal Council of the Ministry of Economy and Finance

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