

ROTHA DAPRAVITH

Software Developer

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DOB: Mar 18, 2001 ◇ Nationality: Cambodia ◇ Gender: Male ◇ [LinkedIn](#)

SUMMARY

Highly motivated and eager to contribute to innovative projects. Recognized for leveraging cutting-edge technologies and driving efficiency in both web development and DevOps. Skilled in modern development practices and committed to continuous learning and improvement.

SKILLS

Programming Languages C, C++, Python, Java, PHP, JavaScript, TypeScript
Web Development ReactJS, Angular, Vue, NodeJS, ExpressJS, NestJS, Springboot, Laravel
Mobile React-Native, IOS and Andriod
Databases MySQL, MongoDB
DevOps Docker, Nginx, Jenkins, portainer.io, AWS EC2, Bibucket, CI CD
Security Management OAuth2.0, Keycloak, JWT (JSON Web Token), OpenID Connect, SSO
Operating System Window OS, Mac OS, Linux, Ubuntu Server
Design and Prototyping Figma (Design Software), draw.io, Unified Modeling Language
Version Control GitLab, GitHub
Languages French, English, Khmer

EXPERIENCE

Software Development system and DevOps Intern

Feb '24 — Jun '24

Ministry of Economy and Finance

Phnom Penh, Cambodia

- Contributed to DevOps Integration and SSO initiatives.
- Designed web client applications optimized by Keycloak Software.
- Managed automation deployment, Dockerized applications, web server configuration, and secure sites.
- Assigned domain names for system projects and hosted all.
- Set up Telegram for project deployment monitoring and Jenkins' CI CD pipeline process alerts.

Web Developer internship

Jul '23 — Oct '23

Institute of Technology of Cambodia

Phnom Penh, Cambodia

- 2-month internship with Delivery Service Management System project.
- Utilized MERN Stack (MongoDB, ReactJS, NodeJS, ExpressJS).
- Utilized mobile apps for QRCode scanning.
- Integrated with API using Postman.

DevOps Training

Feb '23 — May '23

Ministry of Public work and Transport

Phnom Penh, Cambodia

- DevOps training Course overview:
 - Introduction to Linux OS and CommandLine.
 - Utilization of Docker for Containerization.
 - Nginx for web server reverse proxy configuration.
 - Use of Jenkins and GitLab for CICD.
 - Ansible for configuration management.
 - Docker swarm for orchestration tools.
 - Grafana for monitoring.

PROJECTS

Single Sign-On System and DevOps (Final Year Thesis), Ministry of Economy and Finance [Link](#)

Feb '24 — Jun '24

- 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, ITC [Link](#)

Dec '23 — Jan '24

- Technologies: ReactJS, Tailwind CSS, ExpressJS.
- Using MongoDB database.
- Version Control GitLab.
- Provision: Trello

Delivery Service Management System, Institute of Technology of Cambodia [Link](#)

Aug '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, ITC [Link](#)

Apr '23 — Jul '23

- Frontend: VueJS, and Tailwind CSS.
- Backend: Laravel.
- Database: MYSQL.
- Hosting: Hostinger.

GIC Coffee Management System, ITC [Link](#)

Mar '23 — Jun '23
Phnom Penh

- Java Springboot.
- MYSQL Database.
- Implement with Spring Security.

EDUCATION

Bachelor's Degree in Computer Science, Institute of Technology of Cambodia

Nov '19 — Jul '24
Cambodia

- Phnom Penh, Cambodia

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

Oct '13 — Jan '19
Phnom Penh, Cambodia

- Phnom Penh, Cambodia

Part-time in General English Program, American Bridge International School

Jan '13 — Jan '18
Phnom Penh, Cambodia

- Phnom Penh, Cambodia

CERTIFICATIONS

[Keycloak course from Zero to Hero](#)

Mar '24

[The Ultimate DevOps BootCamp 2023](#)

Jul '23

[Introduction to DevOps](#)

May '23

[Full Stack web developement BootCamp 2022 - Begineer to Expert](#)

Sep '22