

BROSNA REM

Software Engineer

A Software Engineer with nearly 2 years of experience and a background in Java with Spring Core and Spring Framework. I hold a certification as an AWS Certificate Developer Associate and have more than 2 years' experience implementing automated continuous integration and continuous deployment. Had hands-on experience both on-premises and cloud in architecting, supporting, AWS deployments using infrastructure as code (IaC) with Terraform.

AWS • DevOps • Java • Spring Framework • Spring Boot • Spring Security • Linux • Docker • Gitlab CI

Languages: C, C++, Java

Web: HTML, CSS, Javascript, JQuery, Bootstrap, Material UI

Web Services: REST

Web/App Servers: Tomcat, Nginx, Apache

Frameworks: Spring, Spring Boot, ReactJS

Databases: MySQL, PostgreSQL, Oracle

Tools: Maven, Postman, JIRA, Docker, Gitlab, Github

Platforms: Linux (Ubuntu), Windows, MacOS

PROFESSIONAL EXPERIENCE

GUUD International, Phnom Penh, Cambodia • November-2022 Present

Web Service Provider.

Software Engineer

- Experienced in developing Spring-based. applications, utilizing dependency injection, Spring MVC, and Spring Data JPA for efficient and maintainable code.
- JavaScript: Adept at JavaScript programming, including DOM manipulation, event handling, and asynchronous programming techniques.
- React.js: Proficient in building dynamic and interactive user interfaces using React.js, including component-based architecture, state management, and routing.
- PostgreSQL: Experienced in PostgreSQL database management, including schema design, data manipulation, and performance optimization.
- Problem-solving: Possesses strong problem-solving abilities, effectively identifying and resolving technical issues to ensure application stability and functionality
- Communication: Excellent communication skills, both written and verbal, effectively collaborating with team members, clients, and stakeholders to achieve project goals.
- Learning Agility: Demonstrates a high degree of learning agility, quickly adapting to new technologies and frameworks to stay at the forefront of industry trends.

Technologies Used: GitHub, PM2 Repository, Apache, Httpd, Nginx

Mungkul Serey, Phnom Penh, Cambodia • January-2021 to 2022

Web Service Provider.

Freelancer Web Developer | DevOps

- Implemented CI/CD using Git, reducing deployment time by 50% and ensuring continuous availability of critical applications.
- Utilized infrastructure as code to provision an AWS cluster, and other critical cloud resources for the development team, such as EC2, reducing manual repetitive tasks by 70%.
- Developed CI/CD pipeline, automating container creation and enabling seamless deployment of static frontend web application on AWS S3.
- Conducted code quality testing, reducing technical.

Technologies Used: AWS, Docker, Kubernetes, GitLab CI, Nginx, Pm2

ACADEMIC PROJECTS

Build Bright University (2023) Inspection System: Enabled inspectors to collect data from restaurants and hospitals to maintain the highest standards of healthcare facilities. Technologies Used: Spring Boot, Spring OAuth2, ReactJS.

EDUCATION

Bachelor of Science in Computer Science

Build Bright University, Phnom Penh, Cambodia (2023)

CERTIFICATIONS

AWS Certified Developer Associate

Training Course

Completion of Programming Course.

Completion of Video Editing Course.

Completion of Cisco Networking Academy