

Dinh Tai Dang

Site Reliability Engineer

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 Kien Hung, Ha Dong, Hanoi

Summary

With over four years of experience in the IT industry, I have successfully contributed to various roles, including Backend Developer, Frontend Developer, and Site Reliability Engineer. My expertise spans a wide range of technologies and tools such as Java, Spring Framework, AWS, Kubernetes, and CI/CD pipelines, enabling me to deliver robust and efficient solutions.

I pride myself on being a quick learner who can effortlessly adapt to new technologies and diverse work environments. My skills in task management, strategic planning, and fostering collaborative teamwork have been instrumental in my professional journey.

Looking ahead, I am eager to evolve into a Solution Architect role, where I aim to design sustainable and optimized system solutions that drive innovation and efficiency.

Education

Hanoi University of Science, Vietnam National University

09/2016 - 06/2020

Major: Computer and Information Science

Work Experience

GoBiz Technology Solutions Co., Ltd (GoBiz)

08/2022 - Present

Site Reliability Engineer

- Successfully managed and deployed infrastructure for organizational products, ensuring enhanced system stability, performance, and adherence to security compliance standards.
- Designed and implemented robust monitoring systems across deployment environments, significantly improving system observability and enabling proactive identification and resolution of potential issues.
- Developed automation solutions, including CI/CD pipelines, which streamlined deployment processes and reduced manual intervention, leading to faster and more reliable releases.
- Optimized operational costs by strategically balancing performance requirements with budget considerations, ensuring efficient resource utilization without compromising system reliability.
- Effectively handled complex and urgent incidents, minimizing downtime and providing timely technical support to development teams to ensure smooth operations and deployments.

Financial Software Solutions Joint Stock Company (FSS)

06/2020 - 08/2022

Software Developer

- Played a key role in the design, implementation, and optimization of systems for public sector clients, ensuring solutions were tailored to meet complex requirements while maintaining scalability and reliability.
- Designed and implemented a ReactJS framework that enhanced code reusability, enabling faster development cycles and reducing redundancy across projects. This contributed to a more streamlined and efficient application development process.
- Developed innovative tools to support the software development lifecycle, empowering teams to focus on higher-value tasks and significantly improving overall productivity and collaboration.
- Optimized workflows by introducing best practices in coding standards and modular design, resulting in cleaner, more maintainable codebases and improved team performance.

Vietnam High-Technology Software Company (VHCSoft)

03/2019 - 06/2020

Software Developer

- Contributed to the development of an internal information processing system for Mobifone, focusing on efficient data handling and system optimization. Through strategic improvements to workflows and performance tuning, the system achieved greater operational efficiency, enabling smoother and more reliable data processing.
- Collaborated closely with cross-functional teams to design, deploy, and maintain a robust and stable system that consistently met client requirements. Enhanced system reliability by implementing best practices in code quality and deployment processes, ensuring long-term sustainability and adaptability.
- Streamlined system maintenance tasks by introducing automation and process improvements, reducing manual effort and allowing the team to focus on delivering higher-value outcomes.

Technical Skills

Programming: Java, Kotlin, Python, JavaScript, Bash

Frameworks: Spring Boot, Vue.js, React.js

Databases: OracleDB, PostgreSQL

DevOps Tools: Kubernetes, Docker, Terraform, Pulumi

Cloud Platforms: AWS (EKS, S3, RDS, IAM,...)

Monitoring Tools: Prometheus, Grafana, DataDog, Sentry

Projects

Infrastructure Management for GoBiz

08/2022 - Present

Site Reliability Engineer

- Led the deployment and optimization of infrastructure for GoBiz products, ensuring enhanced system stability, high availability, and seamless performance under varying workloads.
- Designed and implemented advanced performance monitoring systems to proactively track infrastructure health and automatically detect potential issues, significantly improving system reliability and reducing downtime.
- Developed automated CI/CD pipelines that streamlined deployment processes, minimized manual intervention, and enhanced overall efficiency while conserving resources and mitigating human errors.
- Optimized resource configurations to align with the system's actual needs, achieving a more cost-effective infrastructure setup without compromising performance or scalability.
- Ensured robust infrastructure security, scalability, and performance, providing critical support to development teams in deploying and maintaining applications with minimal disruptions.
- Leveraged cutting-edge technologies such as AWS services, Kubernetes, Terraform, Pulumi, Prometheus, Grafana, and GitHub Actions to drive innovation and operational excellence.

MobiMoney System

11/2021 - 08/2022

Software Developer

- Designed and developed a UI framework for the CMS system, significantly optimizing development workflows and improving code reusability. This enhancement streamlined the creation of new features, allowing for faster iteration and more consistent user experiences across the platform.
- Architected and implemented APIs to support the functionality of online financial services, prioritizing robust security measures and ensuring optimal system performance. These contributions strengthened the reliability and scalability of the services, enabling them to handle complex transactions with ease.
- Collaborated closely with cross-functional development teams to deploy, maintain, and ensure the stability of applications, aligning deliverables with user requirements and enhancing overall system resilience. The collaborative efforts resulted in smoother operations and a more seamless user experience.
- Leveraged technologies such as ReactJS, NodeJS, Oracle Database, CentOS, and Docker to drive innovation and efficiency, ensuring that solutions were both modern and adaptable to evolving business needs.

Centralized Tax Database

06/2020 - 06/2021

Software Developer

- Spearheaded the centralization of the tax management database for tax agencies utilizing the TMS system, enabling seamless integration with the General Department of Taxation. This effort streamlined data accessibility and improved the overall efficiency of tax management processes.
- Successfully upgraded legacy applications to ensure compatibility with the newly centralized database, enhancing system performance and reducing operational bottlenecks. These upgrades also improved data consistency and reliability across the platform.
- Implemented robust backup and recovery mechanisms, allowing for the swift restoration of applications impacted during operation. This ensured minimal downtime and maintained business continuity, reinforcing the resilience of critical systems.
- Utilized technologies such as OracleDB, PL/SQL, IBM WebSphere, and Java to deliver scalable and reliable solutions, ensuring alignment with organizational goals and industry best practices.