Curriculum Vitae

Personal Information

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Summary

- **5 years** of experience in **backend development** specializing in **large-scale, high-performance distributed systems** using **Java** and **Spring Boot**.
- Expertise in **microservices architecture, serverless computing**, and **modular system design**.
- **AWS & DevOps Experience (1+ year)**: Proficient in **AWS services, Kubernetes (K8s), Terraform, Jenkins, Ansible**, and **Kafka**.
- Strong background in **database performance optimization, data migration**, and **high-availability system design**.
- Experienced in **CI/CD pipelines, infrastructure automation**, and **cloud-native application development**.
- Passionate about **system design, performance tuning, and scalability**.

Certification

- **AWS Certified Solution Architect - Associate**
- **HashiCorp Certified: Terraform Associate**
- **Udacity Nanodegree: Java Web Developer**
- **Udacity Nanodegree: AWS Cloud Architect**

Skills

Programming Languages:	**Java** (Spring Boot, Quarkus), PHP (Laravel), JavaScript (ReactJS)
Backend & Cloud Technologies:	Spring Framework (Spring Boot, Spring Batch, Spring Data), Quarkus, AWS Lambda, Kafka, Kubernetes (K8s), Docker, Terraform, Ansible, Jenkins, GitHub Actions, ArgoCD, SonarQube
Databases:	MySQL, TiDB, MongoDB
System Architecture & Design:	Microservices, Serverless, Modular System Design, Distributed Systems, High Availability, Performance Optimization

Education

August 2017 – April 2022	**Ho Chi Minh University of Technology (Bach Khoa HCM University)**
	- **Bachelor of Engineering in Computer Science | GPA: 7.59**

Work Experience

7/2023 – Present **Technical Lead @ FPT Software**

- Project: **Robotic Platform - Web Store**
- Developed and maintained **robotic module store** for **DART platform** as a **full-stack engineer**.
- Handled **high-throughput API requests** to ensure system reliability and performance.
- Collaborated with **cross-functional teams**, ensured seamless integration and system stability through effective team coordination.
- Designed and optimized **MongoDB queries**, reducing response times.
- **Tech Stack: Java (Spring Boot), ReactJS, MongoDB, AWS, K8s, ArgoCD, SonarQube**

9/2022 – 6/2023 **Senior Software Engineer @ FPT Software**

- **Project**: **Healthcare System**
- Developed **serverless microservices** for **medical record management**, supporting **millions of transactions daily**.
- Improved **data processing performance** using **Quarkus and AWS Lambda**.
- Mentored junior engineers in backend development and best practices.
- Automated **Terraform-based infrastructure**, improving deployment consistency.
- Maintained **AWS cloud environments**, ensuring high availability and security.
- Managed **CI/CD pipelines with Jenkins and SonarQube**, ensuring automated code quality checks and reducing deployment time by 50% while improving code reliability.
- **Tech Stack: Java (Quarkus, AWS Lambda), MySQL, MongoDB, Terraform, Cognito JWT, Jenkins, SonarQube**

7/2021 – 8/2022 **Software Engineer @ KMS Technology**

- **Project**: **Banking System - Data Migration**
- Designed and implemented a **high-speed data migration tool** for a banking system, ensuring seamless data transfer with zero downtime.
- Developed **Spring Batch-based parallel processing** with Kafka, improving migration efficiency.
- Worked closely with customer business analysts to design and optimize **scalable migration workflows, ensuring data consistency and efficient mapping logic**.
- **Tech Stack: Java (Spring Boot, Spring Batch, Spring Data), TiDB, Kafka, Docker**

8/2020 – 6/2021 **Fresher Software Engineer @ Cloud Nine Solutions**

- Gained hands-on experience in **backend development** by contributing to multiple projects.
- Assisted in developing **RESTful APIs** and optimizing **database queries**.
- Learned **Laravel (PHP), MySQL, and JavaScript** through real-world project implementations.
- Worked closely with senior developers to improve coding best practices and system design understanding.
- **Tech Stack: PHP (Laravel), MySQL, JavaScript**