LAM THANH PHAT
JAVA DEVELOPER

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SUMMARY

Experienced Backend Engineer with over 5 years of hands-on experience in banking, finance, and IoT domains. Skilled in building scalable, secure, and high-performance backend systems using modern architectures and technologies. Known for a proactive, results-driven mindset and a strong commitment to continuous learning. Seeking to contribute to innovative teams by delivering robust backend solutions and taking on complex, impactful challenges in a dynamic environment.

SKILLS

- **Programming and Frameworks:** Java, Spring Boot, Spring MVC
- **Database:** Mysql, Postgresql, Redis
- **AWS Cloud:** EC2, S3, CloudWatch, Beanstalk, Secrets Manager
- **Messaging & Streaming:** Apache Kafka
- **CI/CD & Monitoring:** GitLab CI/CD, Jenkins, ELK Stack, Splunk, AWS CloudWatch
- **Security & Authentication:** Keycloak, AWS Secrets Manager, Vault Hashicorp
- **Workflow & Business Process Management:** Camunda
- **Containerization & Orchestration:** Docker, Kubernetes
- **Web Servers:** Apache Tomcat, Nginx
- **Finance Platform:** Backbase

WORK EXPERIENCE

Orient Commercial Joint Stock Bank - OCB   **HCM - VN**

Backend Developer   **Sep 2024 - Present**

   Project: OMNI 4.0 – Backbase-based financial platform
- Developed and optimized backend services for OMNI 4.0, ensuring system performance and scalability.
- Collaborated with DevOps team to enhance system monitoring, automate deployments, and handle production incidents.
- Designed and implemented critical features: Biometric data integration, Fraud prevention, Donation transfers.
- Mentored junior developers, promoted coding best practices and effective troubleshooting techniques.

   Tech Stack: Java, Spring Boot, Mysql, Kafka, Redis, Keycloak, Docker, Kubernetes, Jenkins, Backbase platform, ELK Stack, Splunk

Saigon - Hanoi Commercial Joint Stock Bank Finance - SHBFinance   **HCM - VN**

Backend Developer   **Nov 2023 - Aug 2024**

Project: Mobile DSA
- Developed and optimized backend features to support insurance sales and credit card issuance processes within the Sales App.
- Refactored existing services to enhance system performance, maintainability, and security compliance.
- Strengthened application security following industry best practices and internal policies.
- Mentored and supported junior developers, fostering a collaborative and growth-oriented environment.

Tech Stack: Java, Spring Boot, Mysql, Redis, NodeRed, Docker

Project: EOffice Management
- Built and developed a document and workflow management system to handle internal document approvals and processing.
- Integrated digital signature and electronic signature features to streamline document authentication and approval.
- Utilized Camunda to design and automate approval workflows, optimizing the process of document review and decision-making.
- Mentored and supported junior developers, fostering a collaborative and growth-oriented environment.

Tech Stack: Java, Spring Boot, MinIO, Camunda, Kubernetes (K8s), PostgreSQL

Project: Customer App
- Refactored and improved existing backend services to enhance performance, maintainability, and security.
- Collaborated with the DevOps team to successfully deploy the application on Kubernetes (K8S), optimizing the deployment process and ensuring smooth scaling.
- Implemented change requests (CR) and fixed critical bugs to improve the overall user experience and system stability.

Tech Stack: Java, Spring Boot, Mysql, Redis, NodeRed, Kubernetes (K8s)

STYL Solutions Pte Ltd   **HCM - VN**

Backend Developer   **May 2020 - Oct 2023**

Project: Caribbean Sodexo
- Refactored the Caribbean system by shifting from monolithic to microservices architecture
- Optimized system performance through continuous maintenance and troubleshooting, ensuring high system availability.
- Provided client support, addressing technical issues and ensuring smooth operations to meet business needs.
- Implemented new features based on evolving business requirements, delivering timely solutions and improving customer satisfaction.

Tech Stack: Java, Spring MVC, MySQL, AngularJS, Docker, AWS (S3, Elastic Beanstalk, CloudWatch)

Project: NETs App

- Implemented and refined various payment methods, including adding, editing, and 3DS verification for the vCashCard platform.
- Developed features for wallet management and transaction management across both portal and mobile platforms.
- Integrated referral programs, SMS and email notifications for vCashCard and NPC to improve user engagement.
- Provided direct client support and worked closely with mobile, QA, and client teams through all project stages, including SIT, UAT, Pilot, Pentest, and Production.

Tech Stack: Java, Spring Boot, MySQL, Tomcat

Project: Device Management System

- Developed a comprehensive Device Management System (DMS) to handle device provisioning, software updates (using AWS services for storage), and project assignments efficiently.
- Implemented secure device registration and authentication using mTLS and token-based authorization, with Vault HashiCorp for certificate management.
- Developed and deployed features to manage software updates efficiently, ensuring that devices remain up-to-date and secure.

Tech Stack: Java, Spring Boot, PostgreSQL, Vault HashiCorp, Keycloak, AWS (S3, CloudWatch, AWS Secret Manager), Kafka

Project: POSB Smart Buddy

- Implemented new features for the POSB Smart Buddy management terminal, including transaction management and reporting capabilities to enhance operational efficiency.
- Developed and implemented batch jobs to automate the generation of transaction reports, improving process efficiency and reducing manual effort.
- Provided ongoing maintenance and client support, ensuring smooth system operation and resolving technical issues promptly.

Tech Stack: Java, Spring MVC, MySQL, Angular, AWS (CloudWatch, S3)

Project: Safe Entry

- Developed and implemented a comprehensive Safe Entry System with features including employee management, facial detection, user authentication, location tracking, attendance tracking, and device management.
- Utilized face recognition technology for employee management to automate attendance and enhance security.

Tech Stack: Java, Python, Spring Boot, MySQL, Tomcat

EDUCATION

INFORMATION TECHNOLOGY

VNU HCM - University of Information Technology

ADDITIONAL INFORMATION

- **Hobbies:** Swimming, billiards, reading.
- **Favorite Food:** Bread, eggs