





BUI THANH DAT

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OBJECTIVE

To become a head of development/business analysis team and want to contribute the knowledge and experiences of myself to grow company's business.

EDUCATION

Computer Science

2007 – 2012: Ho Chi Minh City University of Technology

Major: Computer Science

GPA: 7

EXPERIENCE

Technical Expert

04/2020 – Present: OCB

- Manage and Train a team of 10 members from scratch to master in card/payment fields
- Experience in working with card schemes (NAPAS/JCB/MasterCard/Visa) directly for card schemes project such as Issuing, Acquiring, EMV 3D Secure
- Experience in architecture, development and maintenance large scale systems with the newest technologies on cloud/on-premises, moreover migration old to new systems
- Experience in getting international certificate (PCI DSS/PCI PIN)
- Very strong domain knowledge in card/payment industry and accounting
- Extensive experience in CMS (WAY4 system) development, integration & operation
- Key Projects
 - Architect, develop and operate a new middleware system and operation website for card center to help card center grow/operate their business and expose card APIs for their partners

- Microservices is deployed on Kubernetes on-premises and fully CI/CD pipeline
- Logging, tracing, monitoring by Jaeger, Prometheus and Grafana stack
- VISA Issuing/Acquiring, NAPAS VCCS Issuing/Acquiring, JCB/MasterCard Acquiring
- VISA/MasterCard EMV 3D Secure
- PCI PIN compliance (1st bank in Vietnam), PCI DSS compliance
- Digital transformation
 - Virtual card/Instalment card
 - PIN selection/change
 - Disbursement by credit card
 - By Now Pay Later (BNPL)
 - Online risk/fraud monitoring

Technical Leader

09/2019 – 03/2020: ALTTEK Global - VNLIFE

- PIN on Glass: Provide a solution that it allows any banks could integrate with it for PIN selection, PIN change, PIN verification on mobile/website
- Tap2Phone: Provide a solution that it turns a mobile device to POS and accepts contactless payment

Senior Software Engineer/Technical Owner

03/2019 – 08/2019: VinID - Vingroup

- Main responsibility for architecture, development and maintenance of merchant platform system. It allows merchants of VinID be able to manage their wallet, view report and dashboard, reconcile via website or integrate with VinID via APIs
- Main responsibility for architecture, development and maintenance of QR platform system

Senior Software Engineer

01/2018 – 02/2019: ZaloPay - VNG Corporation

- Main responsibility for architecture, development and maintenance of API gateway system for bank. It allows banks open APIs to integrate the payment companies
- Integrate new payment services between ZaloPay and the service providers
- Key projects
 - Deliver API gateway system for Eximbank, Viet Capital Bank
 - Integrate IBFT service between ZaloPay and Sacombank
 - Integrate payment and tokenization services of international card between ZaloPay and Cybersource

Card Development & Integration Leader

01/2012 – 12/2017: Sacombank

- Employee of the year (2014, 2015, 2016)
- Responsible of a team of 12 people for development and maintenance of middleware, data warehouse, reporting, proxy and internal & external website; integration between card system with payment gateways and card associations
- Feasibility analysis and consultancy of new projects and negotiation with business team
- Software architecture and development of card system for compliance PCI DSS standard
- Manage resource and plan for developing new projects and maintaining current in-house development systems
- Experienced in programming about enterprise systems to adapt criteria high availability, load balancer, multi process, multi thread, recover and continue running for batch systems
- Research into the machine learning for analyzing cardholder behavior
- Key projects:
 - Upgrade CMS (Card Management System)
 - Architect and develop middleware (card service bus) to transform ISO-8583 message between IST/Switch, CMS and Core Banking
 - Integrate mobile application (Sacombank mCard, Sacombank mBanking), internet banking with CMS through middleware (payment gateway)
 - Digital technology
 - PIN (Personal Identification Number) on glass for selecting and changing PIN on Sacombank mCard
 - Visa/MasterCard/NAPAS tokenization
 - QR cash at ATM (Automated Teller Machine)
 - QR payment via Visa/MasterCard/VNPAY
 - Send money to Visa/MasterCard/NAPAS
 - Send money to mobile and withdraw at ATM
 - Data technology
 - Calculate KPI for sale officer
 - Reconciliation for about 1000 ATMs
 - Data warehouse for replicating and mining data from master database (DB2) to slaver database (SQL Server)

SKILLS

Technical

- Programming Languages: Golang, Java, C#, SQL, Flutter, React

- Databases: RDBMS (SQL Server, Oracle, DB2, MySQL), Non-RDBMS (MongoDB, Cassandra, Redis)
- Orchestrator: Kubernetes
- Operating Systems: Windows, Linux, Mac OS
- Message Queues: Apache ActiveMQ, Apache Kafka, Microsoft MSMQ
- Tools: Git (Git Flow), Jenkins (CI/CD), Traefik, Jaeger, Prometheus, Grafana, Eclipse, Visual Code

Soft



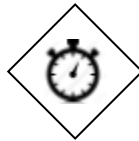
Leadership



Teamwork



Planning



Time Management



Research



Creative

♥ HOBBIES



Read



Travel



Sport



Music



Technology

📄 REFERENCES

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