CANDIDATE ASSESSMENT REPORT

Re: Senior Developer

Nguyen Van Bang Nam

Resume of the Candidate

CAREER SUMMARY

08/2023 - Present	**MSB Bank**
	Tech Lead
07/2022 – 08/2023	**TECHCOMBANK**
	Senior Developer
07/2020 – 6/2022	**VNPAY**
	Senior Developer
01/2018 – 05/2020	***MARITIME BANK***
	Senior Developer
07/2016 – 01/2018	***FPT SOFTWARE***
	Developer
2015 – 06/2016	***TECAPRO DEV***
	Developer
06/2014 – 02/2015	***FPTPOLY***
	Developer

WORK EXPERIENCE & QUALIFICATIONS IN DETAILS

1. Personal Information

Full name:	Nguyễn Văn Bằng Nam
Gender:	Male
DOB:	1992
Address:	ct12a, Kim Van Kim Lu, Hanoi
Phone:	0972520564
Email:	kothichanhanh@gmail.com

- About Me: Throughout my career, I have successfully taken on almost every role within the software development lifecycle. My expertise spans Frontend and Backend development, Database Design, CI/CD pipelines, Monitoring, and Log Management systems. I also have extensive experience in infrastructure upgrades and cloud migrations. Most recently, I designed and developed several custom AI Agents. You can find the client-side implementation on npm under: https://www.npmjs.com/package/namnvb-ai-web-assistant-client (please note that the backend and AI models are kept private).

2. Work Experience

08/2023 - Present **MSB Bank**

Tech Lead

- Participated in solution design, developer, team lead and implementation.
- Participating projects:(Team size:~40)
  - - MSBpay: Migrated on-premises infrastructure to AWS and transitioned the database from Oracle to PostgreSQL.
  - - URL Verify Service: Developed an AI-powered service to analyze website data and detect untrustworthy platforms (e.g., scams, gambling, and explicit content).
  - - AI Agent Chat Bot: Built an AI-powered customer service agent to guide users through form completions and answer service-related FAQs.
  - - Schedule Service: Architected and developed a Job Management service and a corresponding Worker service to execute asynchronous tasks, including report generation, transaction reconciliation, accounting, and refund processing.
  - - OTP service: Built and implemented a centralized OTP management service responsible for OTP issuance and authentication.

- Technology: Java, Spring boot, Kafka, RabbitMq, Redis, Ollama, AWS, LINUX, JS, JSX, OPS (jenkin, docker, EKS), Grafana, Kong, Mulesoft, Promethues.....

07/2022 - 08/2023 TCB

Senior Developer

- Participated in solution design, developer, team lead and implementation.
- Participating projects:(Team size:~30)
  - - QRcode: The system management transaction between the partner and merchant of TCB reconciles and accounting.

    -Technology: Java, Spring Boot, Linux, Spring security, Redis, Microservice, AWS (RDS, AWS EC2, AWS S3), Apache Kafka, k8s, Oracle data base
  - - AAF: The system management transaction accounting between Napas the and merchant of TCB.

    -Technology: Java, Spring Boot, Linux, Spring security, Redis, AWS (RDS, AWS EC2, AWS S3), Apache Kafka, k8s, Oracle data base
  - - Electronic Tax System: Responsible for generating electronic invoices embedded with the merchant's digital signature during customer transactions. Oversaw invoice lifecycle management and ensured proper registration with the tax department.

    - Technology: Java, Spring Boot, Linux, Spring security, Redis, Microservice, AWS (RDS, AWS EC2, AWS S3), Apache Kafka, k8s, Oracle data base
  - - Migrated infrastructure from on-premises to cloud-based architecture: Led the transition of system infrastructure from on-premises to cloud environment, enhancing scalability and operational efficiency.

    - Technology: AWS, Oracle data base, PostgreSQL, Jenkin, Doker, Gitlab, Argocd, Nexus Repository, Rancher.
  - -POSM: Implement digital solutions for managing and distributing advertising flyers to enhance promotional efficiency.

    -Technology: Java, Spring Boot, Linux, Spring security, Redis, Microservice, AWS (RDS, AWS EC2, AWS S3), Apache Kafka, k8s, Oracle data base
  - -RFM: Conduct behavioural analysis of customers using historical purchase and transaction data to uncover actionable insights.

    - Technology: Java, Spring Boot, Linux, Spring security, Redis, Microservice, AWS (RDS, AWS EC2, AWS S3), Apache Kafka, k8s, Oracle data base, Apache Spark

07/2020 – 06/2022 VNPAY

Senior Developer

- Participated in solution design, developer, team lead and implementation.

- Participating projects:(Team size:~6)
  - - UMS: User management system, centralized account management system,The System management any user of Merchant, system of VNPAY and E Wallet VNpay.

    - Technology: Java, Spring Boot, Linux, nginx, Spring security, ReactJs, Redis, Spring Cloud, GRPC http2 API, REST API, Microservice
  - Loyalty for VNPay(Team size:~5)

    - The System management "gift", time for a gift, gift store, and conditions of receipt top of customers for Systems of Vnpay.

    - Technology: Java, Spring Boot, Linux, nginx, Spring security, ReactJs, Redis, Spring Cloud, GRPC http2 API, REST API, Microservice
  - Loyalty for Bank:(Team size:~5)

    -Same as Loyalty for VNPay.
  - Vé Xe Rẻ:(Team size:~5)

    - Manage routes, Time start, Time End of the journey, booking and fare

    - Technology: Java, Spring Boot, Linux, nginx, Spring security, ReactJs, Redis, Spring Cloud, GRPC http2 API, REST API, Microservice

01/2018 – 05/2020 **MARITIME BANK**

Senior Developer

- Participated in solution design, implementation and developer.
- Participating projects:
  - - Open API projects: design and code the API portals that enable partners/clients to access data and manage the payment / financial status of the users.(Team size:~5)

    Www- Technology: Java, Spring boot, Oracle, React native, Spring security, Spring cloud ...

    These projects has been implemented for 2 accredited hospitals in Hanoi.
  - - CRM System (Salesforce) for the sales department and marketing department. (Team size:~18)

    This project has been deployed by a vendor since 06/2018. I have taken part in since 09/2018, played a role of a technical supervisor and coordinator between the company and the vendor. I participate in solution design and directly review the codes provided by the vendor to ensure the quality of the product.

    - Technology: Salesforce, Visualforce, Apex code, NodeJS, ADFS.

07/2016 – 01/2018 **FPT SOFTWARE**

Developer

- Participated in outsourcing projects and delivery many products to oversea customers.
- Some participated projects:
  - CRM system to manage the customers of a loan service of a financial company in Malay(Team size:~20)

- Documents processing system(Team size:~10)
- ERP management system of steel factory in Japan. (Team size:~100)

2015 – 06/2016 **TECAPRO DEV**

Developer

- Develop website using Java, HTML, JavaScript, CSS3, have experience with frameworks like Bootstrap, AngularJS, Java spring

2015 – 06/2016 **FPTPOLY**

Developer

- Develop an online shopping application on mobile platform, using PHP, MySQL, Java, Android.

3. Education and Professional Development

ACADEMIC EDUCATION

20 – 20 **FPT POLYTECHNIC**

Major: Computer and Mobile Programming

GPA: 7.2

SKILLS

- English: IELTS 5.0
- Russian: B-2 (Vantage)
- Programming language: HTML5, CSS3, Java, SQL, JavaScrip, C++, Python
- Framework: Nodejs, BootsTrap, Spring, AngularJS, Angular, Jquery Mobile, Jquery…
- Have experience working with Salesforce, Oracle Database, SQL Database, PostgreSQL, Odoo, template generator JHipster, Android, ETL, Grpc(HTTP2), ReactJs, HTTP2(GRPC),K8s, Ollama,Linux

Demo project

https://www.npmjs.com/package/namnvb-ai-web-assistant-client

https://www.npmjs.com/package/namnvb