**Dinh Phan Quoc Huy**

**Senior Software Engineer**

| **1) OVERVIEW** |
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| Full name: | Dinh Phan Quoc Huy |
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| Date of Birth: | 28 August 1990 |
| Nationality: | Vietnamese |
| Mobile: | (+65) 9860 4003 |
| Email: | [dpqhuy@gmail.com](mailto:dpqhuy@gmail.com) |

| **2) SUMMARY** |
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* Extensive experience of 9 years in the IT industry and professional expertise in software development with Java technology stack.
* Actively participate in designing software system architecture.
* Possess excellent analytical and logical skills that come useful while solving technical issues.
* Good understanding of Object-Oriented Programming and Design Patterns.
* Developing Java application/ Microservice using Spring Framework.
* Good experience in version control (Git) and management tools.
* Experience in ES6, ReactJS for Front end development.

| **3) TECHNICAL SKILLS** |
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| OS | Windows, Linux, MacOS |
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| Programming Languages | Java/J2EE, JavaScript, ReactJS |
| Databases | MariaDB, MySQL, Postgresql, MongoDB |
| Methodologies | Agile, Scrum |
| Tools | IntelliJ, Eclipse, Atlassian Tools (Jira, Bitbucket, Confluence, Stash, SourceTree) … |
| Technologies | Java8, Spring Boot, Spring Cloud, Spring Data, Hibernate, ActiveMQ, Solace, Maven, Gradle, Docker, Kubernetes, Openshift, AWS, Git, Kong Gateway, OPA |

| **4) WORKING EXPERIENCE** |
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| June 2020 to present | **Standard Chartered Bank Singapore**  **Senior Software Engineer** |
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| May 2018 to May 2020 | **DBS Bank Singapore**  **Java Developer** |
| June 2017 to May 2018 | **dJava Factory Sdn Malaysia (Arctiquator)**  **Java Consultant** |

| October 2015 to May 2017 | **PycoGroup Vietnam**  **Senior Java Developer** |
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| **5) LIST OF PROJECTS** |
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| ***Projects:*** | ***Nexus - IAM and Device Management System*** |
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| ***Description:*** | Nexus is the Banking as a Service (BaaS) solution, with many systems, IAM and Device Management System manage the user provision flow (OpenId Connect), soft token devices info and authorize the requests |
| ***Duration:*** | ***June 2021 – Present*** |
| ***Team size:*** | 6 members |
| ***Responsibility:*** | Senior Java Engineer   * Design modules, microservices architecture. * Integrate with 3rd Party (OneSpan for Soft Token Management, Keycloak for IAM solutions) * Work closely with PO, Engineering Manager to discuss and give solutions for specific requirements. |
| ***Accomplishment:*** | Design authorization flow to secure the high-risk requests (payload signing with a soft token) write reusable, maintainable code |
| ***Language:*** | Java |
| ***Technologies:*** | Java11, Spring Boot, Spring Data, Postgresql, Gradle, Docker, Kubernetes, Solace, Git, Kong Gateway, OPA, Keycloak, Onespan |

| ***Projects:*** | ***Risk Model Inventory*** |
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| ***Description:*** | Workflow engine for the model report, assurance report review and issue tracking. |
| ***Duration:*** | ***June 2019 – May 2020*** |
| ***Team size:*** | 10 members |
| ***Responsibility:*** | Senior Fullstack Developer   * Frontend: Develop shared components and main modules. * Backend: Design modules, microservices architecture. Develop main module - Assurance request. * Work closely with users, give solutions for specific requirements. |
| ***Accomplishment:*** | Tuning SQL query, design and build a common component in frontend to reusable, maintainable (create a dynamic view based on JSON config) |
| ***Language:*** | Java, ReactJS |
| ***Technologies:*** | Java8, Spring Boot, Spring Cloud, JDBC, MariaDB, Maven, Docker, Openshift, Git |

| ***Projects:*** | ***SPE (Structured Product Engine)*** |
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| ***Description:*** | Private Bank Trading Platform, manage quotes, exchange holidays, calculate the price of quotes. |
| ***Duration:*** | ***February – June 2019*** |
| ***Team size:*** | 11 members |
| ***Responsibility:*** | Senior Developer   * Coordinate with users and analysts to gather, clarify requirements. * Design solutions for system architecture, components. |
| ***Accomplishment:*** | Design the system with microservices architecture that have low latency, high availability, scalability |
| ***Language:*** | Java, Javascript |
| ***Technologies:*** | Java8, Spring Boot, Spring Data, Hibernate, MariaDB, Camel, Maven, Docker, Openshift, AWS, Git |

| ***Projects:*** | ***MRSG (Market Risk)*** |
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| ***Description:*** | microservices system to manage market risk data and generate a set of scenarios daily based on these data. |
| ***Duration:*** | ***May 2018 – Febuary 2019*** |
| ***Team size:*** | 4 members |
| ***Responsibility:*** | Senior Developer   * Design database schema, implement both front-end and back-end based on user requirements. * Code review |
| ***Accomplishment:*** | Apply programming best practices for better reading and reusability. |
| ***Language:*** | Java, Javascript |
| ***Technologies:*** | JDK8, Spring Boot, Spring Security, Hibernate, MariaDB, OpenShift, Docker, ActiveMQ, Jenkins, Maven, Git |

| ***Projects:*** | ***Boost App*** |
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| ***Description:*** | Boost App is an e-wallet which you can use to pay without the hassle of using physical cash |
| ***Duration:*** | ***January 2018 – May 2018*** |
| ***Team size:*** | 4 members |
| ***Responsibility:*** | Senior Developer   * Design and implement REST API for the module Voucher Scanner, it is used by the Admin team to list all vouchers, redeem the voucher... |
| ***Accomplishment:*** | Apply some programming best practices for better reading and reusability.  Design the REST API with the best practices. |
| ***Language:*** | Java, Javascript |
| ***Technologies:*** | Play Framework, JWT, MongoDB (Morphia), VueJS |

| **6) LANGUAGES SKILLS** |
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| Vietnamese: | Native language |
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| English: | Good command in working knowledge |

| **7) EDUCATION, QUALIFICATIONS** |
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| June 2008 – Oct 2012 | Ho Chi Minh City University of Science (Bachelor of Information Technology) |
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