# **Dang Ngoc Tuan**

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Birth date : 03/06/1990

### **Summary**

I have 5 years of work experience with Ruby on Rails and worked on many projects and built products that meet the needs of thousands of users.

The project I feel like the most is a project about fintech, I built a gateway system to pay between another payment system with MT4 and MT5 systems. In this system, I'm the builder of the system out on the ideas and requirements of customers.

- Knowledge of Object-oriented programming (OOP).
- Know some Design Pattern: Builder, Factory, Singleton,...
- Knowledge and practice with languages and platforms: Ruby, JavaScript, ReactJS, VueJS, Ruby on Rails, AngularJS
- Knowledge and practices with the management system database: MySQL, PostgreSQL
- Familiar with the programming tool, library, plugins: Sublime Text, GitKraken, Devise, Sidekiq, Redis, Grape API, ...
- Work with: Git, Backlog, Trello, Jira, Linux, Docker
- Familiar with Unit Test

#### **Education**

#### Degree / Date of Graduation

2008 – 2012: Ha Noi University of Industry

Major: Computer Science

#### **EXPIRIENCE SUMMARY**

## **2013–2017 Dong Hai JSC**

IT Staff

Support for company's IT system

## 2017-2019 AtmarkCafe Viet Nam - RoR Developer

Responsible for developing, building, writing test features maintaining front-end, back-end functionality for each project.

## 2019–2021 Wao Studio - RoR Developer

Responsible for developing, building, writing test features maintaining front-end, back-end functionality for each project.

### 2021-present Javis Enterprise - RoR Developer

Develop applications for web

Technologies: Ruby on Rails, ReactJS, VueJS, AngularJS, PostgreSQL

## Main responsibilities:

- Design database systems, tweak if needed and create databases.
- Design and code main function.
- Implement data and interface integration and edit interface according to customer requirements.
- Conduct old code maintenance, make suggestions and replace old code to improve and increase project performance.
- Write a test case, RSpec test to ensure that functions and interfaces ensure customers' requirements.
- Build docker for the project, deploy to staging and production.

| Project name:       | Javis Enterprise  |
|---------------------|---|
| Duration:           | 2021 – Present  |
| Position(s):        | Ruby Developer  |
| General information | • Team Size : 6   |
| Description         | <ul> <li>Warehouse Management System: warehouse management, import, export, inventory is built based on the actual process of storage.</li> <li>Booking System: production software that manages the booking process, jobs process and invoice process information. Record data from the registration process to the finish job process.</li> </ul> |
| Project Scope       | <ul> <li>Coding</li> <li>Unit testing</li> <li>Integration testing</li> </ul>   |

| Technology used | <ul> <li>VueJS</li> <li>Ruby on Rails</li> <li>Postgresql</li> <li>SideKiq</li> <li>Redis</li> </ul> |
|-----------------|--|
|                 |  |

| Project name:       | Bookmark Finance   |
|---------------------|--|
| Duration:           | 12/2020 - 10/2021  |
| Position(s):        | Ruby Developer   |
| General information | <ul><li>Customer: Japan</li><li>Team Size: 4</li></ul>   |
| Description         | Build webapp Bookmark Finance(Operator Site and User Site)   |
| Project Scope       | <ul><li>Coding</li><li>Unit testing</li><li>Integration testing</li></ul>  |
| Responsibilities    | <ul> <li>Analysis and design database, API</li> <li>Development</li> <li>Bug Fixing</li> <li>Optimize code</li> <li>Build Docker, deploy to staging, production</li> </ul> |
| Achievements:       | Improving software architecture document making skill  |
| Technology used     | Ruby on Rails, JWT, SideKiq, Devise, Grape API,  |

| Project name:       | RevTrading  |
|---------------------|---|
| <b>Duration:</b>    | 04/2020 - 10/2021   |
| Position(s):        | Senior Developer  |
| General information | <ul><li>Customer: Japan</li><li>Team Size: 4</li></ul>                        |
| Description         | Building App REV TRADING(Operator Side and User Side)                         |
| Project Scope       | <ul> <li>Coding</li> <li>Unit testing</li> <li>Integration testing</li> </ul> |

| Responsibilities | <ul> <li>Analysis and design database, API</li> <li>Development</li> <li>Bug Fixing</li> <li>Optimize code</li> <li>Build Docker, deploy to staging, production</li> </ul> |
|------------------|--|
| Achievements     | Improving software architecture document making skill  |
| Technology used  | • Ruby on Rails, JWT, SideKiq, Devise, Grape API awesome_nested_set, crawler data  |

| Project name:       | CARD WALLET  |
|---------------------|--|
| Duration:           | 12/2019 – 3/2020   |
| Position(s):        | Senior Developer   |
| General information | <ul><li>Customer: Japan</li><li>Team Size: 4</li></ul>   |
| Description         | Building App Card Wallet(Operator Side and User Side)  |
| Project Scope       | <ul> <li>Coding</li> <li>Unit testing</li> <li>Integration testing</li> </ul>  |
| Responsibilities    | <ul> <li>Analysis and design database, API</li> <li>Development</li> <li>Bug Fixing</li> <li>Optimize code</li> <li>Build Docker, deploy to staging, production</li> </ul> |
| Achievements:       | <ul><li>Improving coding rule.</li><li>Improving design pattern</li></ul>  |
| Technology used     | • Ruby on Rails, Grape Api, JWT, SideKiq,  |

| Project name: | VISUAL BOARD |
|---------------|--------------|
|---------------|--------------|

| Duration:           | 4/2019 – 11/2019   |
|---------------------|--|
| Position(s):        | Developer  |
| General information | <ul><li>Customer: Japan</li><li>Team Size: 3</li></ul>   |
| Description         | Building App Task Management   |
| Project Scope       | <ul> <li>Coding</li> <li>Unit testing</li> <li>Integration testing</li> </ul>  |
| Responsibilities    | <ul> <li>Analysis and design database, API</li> <li>Development</li> <li>Bug Fixing</li> <li>Optimize code</li> <li>Build Docker, deploy to staging, production</li> </ul> |
| Achievements:       | Improving performance code   |
| Technology used     | HTML(Slim), CSS(SASS), Coffee Script, JavaScript<br>(jQuery, jQuery-UI,), Ruby on Rails,   |

| Project name:       | TANZAKU   |
|---------------------|---|
| Duration:           | 2/2019 – 3/2019   |
| Position(s):        | FrontEnd Developer  |
| General information | <ul><li>Customer: Japan</li><li>Team Size: 8</li></ul>                        |
| Description         | Building App reading stories  |
| Project Scope       | <ul> <li>Coding</li> <li>Unit testing</li> <li>Integration testing</li> </ul> |
| Responsibilities    | Analysis and design   |

|                 | <ul> <li>Development</li> <li>Review code</li> <li>Optimize code</li> <li>Bug Fixing</li> </ul> |
|-----------------|---|
| Achievements:   | <ul><li>Improving FrontEnd</li><li>Improving coding rule.</li></ul>                             |
| Technology used | HTML(Slim), CSS(SASS), Coffee Script, JavaScript<br>(jQuery, jQuery-UI,), Ruby on Rails, Vuejs  |

| Project name:       | DMP   |
|---------------------|---|
| Duration:           | 09/2018 - 01/2019   |
| Position(s):        | Developer   |
| General information | Customer: Japan   |
|                     | • Team Size : 4   |
| Description         | Building report details for accounts running socials ads  |
| Project Scope       | <ul> <li>Coding</li> <li>Unit testing</li> <li>Integration testing</li> </ul>   |
| Responsibilities    | <ul> <li>Analysis and design</li> <li>Development</li> <li>Review code</li> <li>Optimize code</li> <li>Bug Fixing</li> </ul>                    |
| Achievements        | <ul> <li>Successfully maintain a big system, solve many difficult problems.</li> <li>Improved multi threading</li> </ul>                        |
| Technology used     | <ul> <li>HTML(Slim), CSS(SASS), Coffee Script, JavaScript (jQuery, jQuery-UI,), Ruby on Rails, Multi threading</li> <li>Postgres SQL</li> </ul> |

| Project name: | Doshin          |
|---------------|-----------------|
| Duration:     | 4/2018 - 8/2018 |
| Position(s):  | Developer       |

| General information | <ul><li>Customer: Viet Nam</li><li>Team Size: 5</li></ul>   |
|---------------------|---|
| Description         | Management of client systems in the field of insurance  |
| Project Scope       | <ul> <li>Coding</li> <li>Unit testing</li> <li>Integration testing</li> </ul>   |
| Responsibilitie     | <ul> <li>Analysis and design</li> <li>Development</li> <li>Review code</li> <li>Optimize code</li> <li>Bug Fixing</li> </ul>                    |
| Achievements        | <ul> <li>Successfully maintain a big system, solve many difficult problems.</li> <li>Improved multi threading</li> </ul>                        |
| Technology used     | <ul> <li>HTML(Slim), CSS(SASS), Coffee Script, JavaScript (jQuery, jQuery-UI,), Ruby on Rails, Multi threading</li> <li>Postgres SQL</li> </ul> |