**DOAN VAN TUAN**

Hanoi, Vietnam

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| **PROFESSIONAL SUMMARY** | | |
| * 3+ years of experience in IT Software development, especially in building high performance Web applications. * Experience of working with Singapore, Southeast Asia clients/partners in recent projects. * Mentor and support other team members of the team to assist in completing tasks and meet objectives. * Programming Smart Device and IoT Device. * Have knowledge and hands on with CI/CD pipeline and script automation, trigger event. * Have experience in working on projects, decent teamwork skills. | | |
| **TECHNICAL EXPERTISE** | | |
| **Program languages** | | Java, C/C++, TypeScript, JavaScript. |
| **Frameworks** | | ReactJS, NodeJS, NestJS, Flamingo |
| **Peripherals and protocols** | | TCP/IP, HTTP, MQTT. |
| **Source Control Tools** | | SVN, Git, Smart Git. |
| **IDE/Utilities** | | Visual Studio, QT Creator, Visual Code, ReSharp, WebStorm. |
| **Operating Systems** | | Windows, Ubuntu, CentOS. |
| **Containerization** | | Docker |
| **SQL Databases** | | MS SQL Server, PostgreSQL |
| **NoSQL Databases** | | MongoDB |
| **Other Platforms & Tools** | | Jenkins, Bitbucket, Gitlab CICD, Swagger UI, Graph QL |
| **Soft Skills** | | Teamwork & self-training skills, problem solving, organizing, work well under pressure. |
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| **PROFESSIONAL EXPERIENCE** | | |
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| **12/2019 – 01/2020** | **Company:** FPT Software Company – Hanoi, Vietnam.  **Project Description:** Design Quiz Page  **Position**: Developer  **Responsibility**:   * Designing solution based on MVC Architecture. * Building Backend server using Express JS. * Authentication and Authorization by JWT and Refresh Token * Using Handlebars to design front end * Building database using MongoDB * Use middleware validate, error handle   **Techniques**:   * NodeJS, JS. * Express, Handlebars * MongoDB. | |
| **4/2020** | **Project Description:** **To-do App**  **Position**: Developer  **Responsibility**:   * Designing solution based on RESTful API Architecture * Building Backend server using Express Typescript, TypeGraqhQL * Authentication and Authorization by JWT and Refresh Token * Building database using MongoDB * Use middleware validate, error handle * Building Frontend using ReactJS, Ant Design. * Managing state using Redux Toolkit   **Techniques**:   * NodeJS. * MongoDB (Mongoose) * ReactJS, Redux * HTML/CSS, Ant Design * Aws S3 | |
| **1/2021 - 3/2021** | **Project Description:** **eCommerce Project**  **Position**: Developer  **Responsibility**:   * Designing solution based on RESTful API Architecture * Building Backend server using Express JS * Building Frontend using ReactJS * Authentication and Authorization by JWT and Refresh Token * Building database using PostgreSQL * Use middleware validate, error handle * Use Redis Cache * Upload with AWS S3   **Techniques**:   * NodeJS. * ReactJS * Redux * PostgreSQL * Redis * Aws S3 * Jenkins | |
| **04/2021 – now** | **Company:** Phenikaa Smart Device.  **Project Description:** Smart Plug, Smart Onoff, IoT Hub.  **Position**: Developer  **Responsibility**:   * Designing solution based BE Nodejs Restful API, MQTT, Device. * Building Backend server using Express JS, Socket IO. * Authentication and Authorization by JWT and Refresh Token. * Building database using PostgreSQL * Use middleware validate, error handle * Use Redis Cache * Upload File with AWS S3 * Use SMTP send email (verify, forgot pass) * Use Firebase Fire Cloud send notify to Mobile App * Device - Config Wi-Fi of device via Bluetooth Low Energy(Receive data – Gatts write event) * Device – MQTT protocol, Timer Interrupt, FreeRTOS   **Techniques**:   * NodeJS. * Socket I/O * PostgreSQL * Redis * Firebase * Aws S3 * ESP-IDF * CJson | |
| **9/2021-4/2022** | **Project Description:** **Book Hotel (TAP Singapore)**  **Position**: Developer  **Responsibility**:   * Designing solution based on RESTful API Architecture * Building Backend server using Express JS, Socket * Authentication and Authorization by JWT and Refresh Token (role: homeowner, agent, tenant) * Building database using PostgreSQL * Use middleware validate, error handle * Use Redis Cache * Upload with AWS S3 * Use SMTP send email (verify, forgot pass) * Use Firebase Fire Cloud send notify to Mobile App * Write Procedure and Function in PostgreSQL (Search, Filter by point of reference, Location, and District, HDB in Singapore)   **Techniques**:   * NodeJS. * Socket I/O * PostgreSQL * Redis * Firebase * Aws S3 | |
| **3/2022 - now** | **Company:** FPT Software Company – Hanoi, Vietnam.  **Project Description:** AIA Super App  **Position**: Developer  **Responsibility**:   * Authentication and Authorization by using Okta local. * Building common and native components using Stylesheet. * Creating service to connect backend API. * Using e2e, detox to write unit tests.   **Techniques**:   * TypeScript * CSS * React Native, Redux * I18next | |
| **3/2022 – 6/2022** | **Company:** Fu Techs Company – Hanoi, Vietnam.  **Project Description:** KDDN App  **Position**: Developer  **Responsibility**:   * Building UI, component, front-end logic. * Building API. * Fix bug, optimize code   **Techniques**:   * TypeScript * CSS * ReactJS, Redux   I18next | |
| **5/2022 – now** | **Company:** Fu-Techs – Hanoi, Vietnam.  **Project Description**: Steel Storage  **Position**: Dev Lead  **Responsibility**:   * Analysis requirement * Build Base source code * Coding backend, write API. * Review code. * Optimize code (improve performance of system). * Build UI, logic, components on the front-end. * Research new technology * Config CICD GitLab for BE, FE.   **Techniques**:   * ReactJS * Redux * Ant Design Pro & Tailwind CSS * Nodejs * MongoDB | |
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| **EDUCATION** | | |
| **2016-2021** | **Mechatronics Engineer**  *Hanoi University of Science and Technology, Vietnam* | |
| **2015-2016** | **3rd National Excellent Student**  *hANAM HIGH SCHOOL FOR THE GIFTED* | |