Curriculum vitae

BUI XUAN TRUONG

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| PERSONAL DETAILS | | |
|  | Full Name: | Bui Xuan Truong |
| Job Titles: | Senior Developer |
| Date of Birth: | June 13st 1994 |
| Place of Birth: | Thai Binh, Vietnam |
| Gender: | Male |
| Linkedin | <https://www.linkedin.com/in/bùi-xuân-trường-43b521190> |
| Phone/email | +84359018836 / buixuantruong.tb@gmail.com |

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| SUMMARY INFORMATION |
| Have 5 years experiences on developing software (C, C++, C#, Qt, Qt UI, QML, Java, Android, Python, flutter, swift)  Have 3 years experiences on developing for mobile ( C++, C#, Java, flutter, swift)  Have experiences and deep understanding on developing software for Media sevrice in Vehicle,Linux system, Embedded system, IOT,  Have experiences in testing project in A-Spice process  Have experiences working with Iso 26262 standard  Have experiences working with Product Project, Outsource, IOT, Android, IOS, SQL  Have experiences work with hardware, communicate between hardware and software  Have experiences working with version control system: Git systems, SVN client, SVN server…  Have experiences working with Working process System: Jira, Confluence, Redmine, Trello…  Work with Bluetooth, Wifi, Android, IOS (System Service, Beacon Service, module communicate), embedded… |

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| EDUCATION HISTORY | |
| From: 09/2012  To: 10/2016 | University: Ha Noi University of Science and Technology, Vietnam  Major: Electronic Telecommunication Engineering  Degree/Qualification: Scholarship to the Microchip company  Graduated with honors in scientific research  Traning student |
| From: 10/2016  To: 6/2017 | University: Ha Noi University of Science and Technology, Vietnam  Major: Electronic Telecommunication Engineering  Job Description:   * System design for HF communication System * Coding * Traning student |

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| EMPLOYMENT HISTORY | |
| From: 06/2017  To: 2/2021 | Job Title: Senier Developer  Job Description:   * Solution Architecture * Requriment analysic * Create High level design, Low level design * Coding * Unit test * Integration test |
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PROJECT REFERENCE AND SKILL SET

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| ATTENDED PROJECTS | | |
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| **Personal Project** | Github Profile | **https://github.com/TruongGlacio?tab=repositories** |
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| From: 10/2021- Current | Project | NaviTracking |
|  | Company name | FFT Company |
|  | Project size | 4 |
|  | Project position: | Mobile Component |
|  | Responsibility: | Design, Developer , Development testing |
|  | Project description: | The project is a part of the vehicle tracking system, which has the function of tracking and reporting vehicle tracking information to customers. |
|  | Used programming languages: | Flutter, Java, Kotlin, swift5 |
|  | Used programming technologies: | Restful api, Firebase SDK,CleverTap, sqlite, Bloc |
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| From: 08/2021- Current | Project | Monkey Stories |
|  | Company name | Early Start |
|  | Project size | 6 |
|  | Project position: | Developer |
|  | Responsibility: | Design, Developer ,Leader, Development and maintenance, testing |
|  | Project description: | Monkey Stories is an English learning app that helps children to master English before the age of 10! (suitable for children aged 2-10 years old). This application is developed based on Cocos2dx platform. |
|  | Used programming languages: | Java, swift5, c++ |
|  | Used programming technologies: | Restful api, Firebase SDK,CleverTap, Coco2dx platform, sqlite, NDK |
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| From: 10/2021- 01/2022 | Project | Hospital Appointy |
|  | Company name | FFT Company |
|  | Project size | 5 |
|  | Project position: | Developer |
|  | Responsibility: | Design, Developer, Development testing |
|  | Project description: | An app for scheduling medical examination for Hai Phong Medical University Hospital |
|  | Used programming languages: | Java android |
|  | Used programming technologies: | Restful api, Sqlite |
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| From: 10/2021- 01/2022 | Project | BartendingDrink Systems |
|  | Company name | FFT Company |
|  | Project size | 5 |
|  | Project position: | Developer |
|  | Responsibility: | Design, Developer, Development testing |
|  | Project description: | An app for ordering drinks. |
|  | Used programming languages: | Java |
|  | Used programming technologies: | Restful api. Sqlite, firebase |
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| From: 06/2021- 08/2021 | Project | FasterVPN |
|  | Company name | FFT Company |
|  | Project size | 2 |
|  | Project position: | Mobile Component |
|  | Responsibility: | Design, Developer, Development testing |
|  | Project description: | Flutter Android VPN based on OpenVPN Library. |
|  | Used programming languages: | Flutter, java |
|  | Used programming technologies: | Restful api, OpenVPN, GetX |
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| From: 02/2021  To 8/2021 | Project | TOPGPS, VnetGPS |
|  | Company name | VNET/ SonHa Group |
|  | Project size | 9 |
|  | Project position: | Leader Android Components |
|  | Responsibility: | Analyze customer requirements, Create SRS, Design, Developer ,Leader, Development and maintenance, testing |
|  | Project description: | The project is a part of the vehicle tracking system, which has the function of tracking and reporting vehicle tracking information to customers. With tens of thousands of customers each year. The project has 3 parts: Service,Web, and Android Apps. Android department with 2 main apps and more than 20 apps for dealers |
|  | Used programming languages: | Java, Java android, sql, swift5 |
|  | Used programming technologies: | Restful api, stream video, minio, MQTT, google map, GPS, Firebase |
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| From: 12/2020  To: 2/2021 | Project | **AUTOMATION TOOL** |
|  | Company name | FPT Software |
|  | Project size | 8 member |
|  | Project position: | Solution Architect, Designer, Developer, Team Leader |
|  | Responsibility: | - Created Documents, Design, Development |
|  | Project description: | An automotive project which develops by Panasonic company. Implement new project for MessageApp module, Voice module |
|  | Used programming languages: | C++, Python, xml, AI, ImageProccess |
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| From: 05/2020  To: 12/2020 | Project | **KINGDOM** |
|  | Company name | FPT Software |
|  | Project size | 30 member |
|  | Project position: | Designer, Developer, Team Lead for MessageApp team |
|  | Responsibility: | - Created Documents, Design, Development MessageApp Module Maintain for KingDom systems |
|  | Project description: | An automotive project which develops by Panasonic company. Implement new project for MessageApp module, Voice module |
|  | Used programming languages: | C++, Python, Bluetooth |
|  | Used programming technologies: | KingDom, Embedded |
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| From:05/2019 To: 05-2020 | Project | **AUTRONSAFETY** |
|  | Company name | FPT Software |
|  | Project size | 150 member |
|  | Project position: | Designer, Developer |
|  | Responsibility: | - Created Documents, Design, Development, Guideline Test Process, Test, Created tools support |
|  | Project description: | An automotive project which develops AUTOSAR basic software SRS/SWS for more than 70 modules in version 4.4.0. The safety modules has to follow Aspice level 3 |
|  | Used programming languages: | C |
|  | Used programming technologies: | Safety ASILD , Iso 62626, AUTOSAR, Embedded |
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| From: 03/2019 To: 05/2019 | Project | **TRANSLATION** |
|  | Company name | VTI VIET NAM |
|  | Project size | 5 |
|  | Project position: | Main Designer, Main Developer |
|  | Responsibility: | - Design, Development, Test |
|  | Project description: | Develop Translate Application using provided translate service include document translate, text translate, using python language and AI |
|  | Used programming languages: | Python |
|  | Used programming technologies: | AI Deepp Learning |
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| From: 2/2019  To: 03/2019 | Project | **HARMONIC CONTROL** |
|  | Company name | VTI VIET NAM |
|  | Project size | 2 |
|  | Project position: | Main Designer, Main Developer |
|  | Responsibility: | * - Design, Development |
|  | Project description: | - Research and design schematic PCB control Daikin remote control of VRV harmonic system in building  - Develop custom Android and IOS applications control harmonic for user using xamarin framework. |
|  | Used programming languages: | Xamarin c#, Arduino c++, |
|  | Used programming technologies: | Altium PCB design |
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| From :12/2018  To: 02/2019 | Project | **VTI SAYHI** |
|  | Company name | VTI VIET NAM |
|  | Project size | 6 |
|  | Project position: | Developer |
|  | Responsibility: | * - Design, Development |
|  | Project description: | * - Develop a receptionist Application using in living room to recommend structure and execute projects for customer using QT framework on linux system |
|  | Used programming languages: | Qt c++, |
|  | Used programming technologies: | Mouse control, yolo3 |
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| From 07/2018  To: 12/2018 | Project | **RS Receiver** |
|  | Company name | VTI VIET NAM |
|  | Project size | 8 |
|  | Project position: | Developer |
|  | Responsibility: | * - Design, Development |
|  | Project description: | * Developed QR code scaner application to filter data scan from scan device |
|  | Used programming languages: | C++ |
|  | Used programming technologies: | RS232 protocol |
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| From 05/2018  To: 7/2018 | Project | **NSTEX** |
|  | Company name | VTI VIET NAM |
|  | Project size | 7 |
|  | Project position: | Developer |
|  | Responsibility: | - Design, Development |
|  | Project description: | Developed monitor system for steel production line in manufacturing companies of Japan |
|  | Used programming languages: | C++ |
|  | Used programming technologies: | RS232 protocol. |
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| From: 02/2018  To: 05/2018 | Project: | **A1 Platform** |
|  | Company name: | FPT SOFTWARE |
|  | Project size: | 70 |
|  | Project position: | Developer |
|  | Responsibility: | - Refactoring and Maintenance applications and HMI for a Camera Control System in Automobile of Panasonic.  - Design, control HMI and fix Bug, support team  - Git, SVN and redmine manage for project |
|  | Project description: | The project aims to maintain most automotive application and HMI module developed by other and partner |
|  | Used programming languages: | C, C++ |
|  | Used programming technologies: |  |
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| From: 8/2017  To: 2/2017 | Project: | **MIB3** |
|  | Company name: | FSOFT |
|  | Project size: | 45 |
|  | Project position: | Developer |
|  | Responsibility: | - Develop modules which are bluetooth applications, data, and events regarding bluetooth in the automotive system |
|  | Project description: | The project aims to maintain most automotive application and meidia module developed by us and partner |
|  | Used programming languages: | - C/C++, Java |
|  | Used programming technologies: | - Ethernet, 3g, Bluetooth, Wifi, Wifi hotspot, …  - Multithread, KIPC interface, mutil call…. |
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| From: 11/2016  To: 6/2017 | Project: | **HF Digital communication** |
|  | University: | Ha Noi University of Science and Technology, Vietnam |
|  | Project size: | 6 |
|  | Project position: | Hardware design, system design, Developer |
|  | Responsibility: | - Design and Development for HF Digital Communication System of ‘Ministry of Industry and Trade’. |
|  | Project description: | The project aims to design and develop system HF communication  service of the sea developed by us |
|  | Used programming languages: | - Qt, C/C++, Verilog for FPGA |
|  | Used programming technologies: | - Digital Telecommunication technology, Data encrypt, EA security, Internet comunication, … |
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| From: 03/2016  To: 10/2016 | Project: | **Fire warning for building** |
|  | University: | Ha Noi University of Science and Technology, Vietnam |
|  | Project size: | 10 |
|  | Project position: | Hardware design, system design, Developer |
|  | Responsibility: | - Refactoring and Development for a Fire Warning System in Building System of Fire Department. |
|  | Project description: | The project aims to maintain system developed by us |
|  | Used programming languages: | - C,C#, Java anrdroi, Html |
|  | Used programming technologies: | - Ethernet, 3g, Wifi, Wifi hotspot, Cloud service, Internet comunication, … |
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| INFORMATION TECHNOLOGY SKILLS | | | | | | | | | |
| Experiences | | 0: 0 month | 2: 6 – 12 months | | | 4: 2 – 5 years | | | |
|  | | 1: 1 – 6 months | 3: 1 – 2 years | | | 5: > 5 years | | | |
|  | | Last year used |  | | |  | | | |
| Expert level | | 1: Beginner Level | 3: Sometimes have to use manuals | | | 5: Expert Level | | | |
|  | | 2: Always have to use manuals | 4: Can solve problems | | |  | | | |
|  |  | | Experiences | Last used | Expert level | | | | |
|  |  | | 1 | 2 | 3 | 4 | 5 |
| Platform | | | | | | | | | |
|  | Linux | | 5 | 2022 |  |  |  | X |  |
|  | Windows | | 5 | 2022 |  |  |  | X |  |
|  | Window IOT | | 1 | 2020 |  |  | X |  |  |
|  | Raspbian, Ubuntu Mate.. | | 4 | 2021 |  |  |  | X |  |
|  | Embedded Linux(WithOut Ubuntu, Raspbians) | | 3 | 2020 |  |  | X |  |  |
|  | | | | | | | | | |
| Database | | | | | | | | | |
|  | MS SQL Server | | 2 | 2019 |  |  | X |  |  |
|  | SQLite, SQL, My SQL | | 3 | 2022 |  |  | X |  |  |
|  | Firebase | | 3 | 2022 |  |  | X |  |  |
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| Programming | | | | | | | | | |
|  | C++ | | 4 | 2022 |  |  |  | X |  |
|  | Java | | 3 | 2022 |  |  |  | X |  |
|  | Python | | 3 | 2022 |  |  |  | X |  |
|  | Java/Xml for android | | 4 | 2022 |  |  |  | X |  |
|  | Kotlin for android | | 2 | 2022 |  | X |  |  |  |
|  | Qt C++,Qml | | 4 | 2021 |  |  | X |  |  |
|  | Flutter | | 2 | 2022 |  |  | X |  |  |
|  | Swift | | 2 | 2022 |  |  | X |  |  |
|  | Xamarin C# | | 2 | 2019 |  | X |  |  |  |
|  | Cmake, Bash Script | | 3 | 2022 |  |  | X |  |  |
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| Tools/IDE | | | | | | | | | |
|  | Microsoft Visual Studio | | 4 | 2022 |  |  |  | X |  |
|  | Android Studio | | 4 | 2022 |  |  |  | X |  |
|  | Qt creator, Qmake | | 4 | 2020 |  |  |  | X |  |
|  | Astah Community | | 4 | 2020 |  |  |  | X |  |
|  | [Enterprise Architect](http://sparxsystems.com/products/ea/) | | 4 | 2022 |  |  | X |  |  |
|  | StarUML | | 2 | 2017 |  |  |  | X |  |
|  | Vector cast | | 3 | 2018 |  |  | X |  |  |
|  |  | |  |  |  |  |  |  |  |
|  | Postman | | 1 | 2022 |  |  | X |  |  |
|  | Git | | 5 | 2022 |  |  |  | X |  |
|  | SVN tool | | 4 | 2022 |  |  |  | X |  |
|  | GDB | | 1 | 2018 |  | X |  |  |  |
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| Project manager tools | | | | | | | | | |
|  | Redmine, JIRA | |  |  |  |  |  |  |  |
|  | Bitrix24 | |  |  |  |  |  |  |  |
|  | Trello | |  |  |  |  |  |  |  |
| **Software development model** | | | | | | | | | |
|  | Waterfall model | | SRS(RA), SAD(Basic design), SUD(Detail design), Coding, QT Test, IT Test, UT Test | | | | | | |
|  | V model | |
|  | Agile scrum | |  | | | | | | |
| Others | | | | | | | | | |
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| FOREIGN LANGUAGE | | | | | | | | | |
| Experiences: | | 0: 0 month | 2: 6 – 12 months | | | 4: 2 – 5 years | | | |
|  | | 1: 1 – 6 months | 3: 1 – 2 years | | | 5: > 5 years | | | |
| Last used: | | Last year used |  | | |  | | | |
| Expert level: | | 1: Beginner | 3: Fluent | | | 5: Translator | | | |
|  | | 2: Conversational | 4: Expert | | |  | | | |
|  |  | | Experiences | Last used | Expert level | | | | |
|  |  | | 1 | 2 | 3 | 4 | 5 |
| Languages | | | | | | | | | |
|  | English | | 3 | 2022 |  |  | 3 |  |  |
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