

LE PHUC DUC

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Online CV

SKILLS

Programming language**: C, C++, Batch script, Python, CAPL

Automotive industrial**: AUTOSAR Classic, CAN protocol, LIN protocol

Tools**: ALM, Vector toolchain (CANoe, VectorCAST, Davinci Configurator & Developer)

EDUCATION

Ho Chi Minh City University of Technology, Ho Chi Minh City** | **2024 – Present**

Master's Degree in Computer Science Engineering*

GPA: 7.6/10

Ho Chi Minh City University of Technology, Ho Chi Minh City** | **2018 – 2022**

Bachelor's Degree in Automation and Control Engineering*

GPA:

WORK EXPERIENCE

Bosch Global Software Technologies Company Limited** | Ho Chi Minh City, Vietnam

Bosch Global Software Technologies Vietnam is a subsidiary of Bosch Global, focusing on Automotive Embedded Systems. Developing Airbag systems, our goal is to save lives which requires a great attention to detail and the highest standard of safety in embedded systems.*

Product**: Perfectly Keyless System

Customer**: Honda**Software Engineering** | **Feb 2024 – Present**

1. Responsible for Software Developer in Master ECU software development with SaaP approach.
 - Proficient in configuring AUTOSAR Basic software, including CommStack, MemStack, CryptoStack and SystemStack.
 - Proficient in developing AUTOSAR Application software components and RTE configuration.
 - Creating the platform software to integrate Master Mcu SaaP product.
 - Support to integrate new SIP from Vector.
 - Experienced in Cybersecurity concept in software development.
2. Support for DevOps activities in project.
 - Setup infrastructure, develop and maintain CI/CT pipeline for project.
 - Building the framework for clear, functional C document using Doxygen + Sphinx.
3. Responsible for Software Developer in **SDV program**.
 - Define approach, architecture and technologies used for internal SDV program.
 - Collaborate with ETAS to bring up PK's features into DreamKit.
 - Bring up features from Master Mcu's SaaP to SDV internal platform (Diagnostic, Ranging/Localization).
 - Experienced in developing and debugging softwares in Linux environment.

- Building the pipeline and document framework for SDV.

Achievement**

- Acknowledged for contributing to software delivery for Japan customer (Honda, ALAP) for 2 consecutive releases.
 - Successfully building a platform software to integrate SaaP product which contributed to the validating process of both VnV and Developer team.
 - Acknowledged for successfully bring up features from PK to SDV platform.
- Product**: Perfectly Keyless System for Fleet Management Extended Access.
Customer**: CV (Commercial Vehicle)

Software Engineer | June 2022 – Feb 2024

1. Responsible for Software Developer in Master ECU for Perfectly Keyless System's platform project.
 - Configuring AUTOSAR Application software components and RTE configuration.
 - Support to integrate new SIP from Vector and support to debug problem in SIP package.
 - Understanding CCC (Car Connectivity Consortium).
2. Proficient in developing Application software components and configuring Basic software for Airbag product
3. Established CI/CT pipeline for project (integrating build process, unit test upto system test and reporting).
4. Responsible for developing door lock/unlock feature for Master Mcu using LIN.

Achievement**

- Acknowledged for establishing and maintaining CI/CT pipeline and share for other teams.