**LE PHUC DUC**

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**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**

* 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.
* 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.
* 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**

* 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).
* Proficient in developing Application software components and configuring Basic software for Airbag product
* Establised CI/CT pipeline for project (integrating build process, unit test upto system test and reporting).
* 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.