LE PHUC DUC

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SKILLS

Programming Languages**: C, C++, Batch Script, Python, CAPL
Automotive Technologies**: AUTOSAR Classic, CAN Protocol, LIN Protocol, Cybersecurity, SaaP (Software as a Product)
Development Tools**: ALM, Vector Toolchain (CANoe, VectorCAST, DaVinci Configurator & Developer), Doxygen, Sphinx, CI/CT Pipeline
Operating Systems**: Linux, Embedded Systems

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: 7.2/10

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 and Keyless systems with the highest standard of safety in embedded systems.***Software Engineer** | **Feb 2024 – Present** Products**: Perfectly Keyless System (Honda), Fleet Management Extended Access (Commercial Vehicle)
Key Responsibilities:**
- Software development in Master ECU with SaaP (Software as a Product) approach
- Configure AUTOSAR Basic software: CommStack, MemStack, CryptoStack, and SystemStack
- Develop AUTOSAR Application software components and RTE configuration
- Integrate new SIP (Software Integration Package) from Vector
- Apply Cybersecurity concepts in software development
- Lead Software Developer role in **SDV (Software-Defined Vehicle) program**
- Define architecture and technologies for internal SDV program
- Collaborate with ETAS to integrate PK features into DreamKit
- Develop and debug software in Linux environment
- Setup and maintain CI/CT pipeline infrastructure
- Build documentation framework using Doxygen + Sphinx
  Key Achievements:**
- Acknowledged for software delivery to Japan customer (Honda, ALAP) for 2 consecutive releases
- Successfully built platform software to integrate SaaP product for VnV and Developer teams
- Successfully integrated PK features to SDV platform

Software Engineer | **June 2022 – Feb 2024** Products**: Perfectly Keyless System, Airbag Systems
Key Responsibilities:**
- Software development in Master ECU for Perfectly Keyless System platform
- Configure AUTOSAR Application software components and RTE configuration

- Integrate and debug Vector SIP packages
- Implement CCC (Car Connectivity Consortium) standards
- Develop Application software for Airbag products
- Establish CI/CT pipeline (build process, unit test, system test, reporting)
- Develop door lock/unlock features using LIN protocol
  Key Achievements:**
- Established and maintained CI/CT pipeline shared across teams

LANGUAGES

Vietnamese**: Native
English**: Professional working proficiency

CERTIFICATIONS & AWARDS

SPOT AWARD Issued By:** Head of Department, Bosch Vietnam
Achievements:**
- Successful delivery of software on time for key customers: VinFast, SAIC, SGMW
- High willingness to guide new members and associates in problem solving

STEP UP AWARD Issued By:** Head of Department and Managing Director of Bosch Vietnam
Topic:** Utilize ALM tool as systematic approach for task assignment and team management
Achievements:**
- Analyzed data on ALM tool and created dashboard to monitor team performance (On Time Delivery, Defect Injection phases, etc.)
- Highlighted key insights and proposed improvement plans

SOFT SKILLS CERTIFICATION Training Provider:** CTS (Corporate Training Solution Vietnam)
Skills Covered:**

- Communication with high impact
- Time management

PERSONAL INTERESTS

Music, Soccer, Travelling