NGUYEN KIEM HUNG

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SKILLS

Programming language: C, C#, Batch script, Python, CAPL
Automotive industrial: AUTOSAR Classic, CAN & LIN protocol, ISO 14229, ISO 26262, ISO 21434, ASPICE
Tools: IBM DOORS, ALM, Rhapsody, HelixQAC, Tessy, Polyspace, Vector toolchain (CANoe, CANdela, CANStress, VectorCAST, Davinci Configurator & Developer), Mercedes Benz toolchain (ZenZefi, DTS Monaco)

EDUCATION

University of Technology and Education, Ho Chi Minh City 2013 – 2017
Bachelor's Degree Mechatronics Engineering
GPA: 3.25 / 4.0

WORK EXPERIENCE

Forvia-Hella Vietnam Ho Chi Minh City, Vietnam
Forvia-Hella Vietnam is the Vietnamese subsidiary of the German automotive brand. Developing lighting systems, our goal is focus on features and technologies expected to be especially important in the future, generating benefits that customers can see and touch, such as light-based driver assistance systems, LEDs and design elements.
Product: Interior Light System
Customer: Mercedes Benz, Audi, Porsche, BMW

Software Engineering Supervisor Jan 2024 – Present

- Accountable for overseeing the performance and skill levels of a 12-member software development team working on the Interior Light projects
- Led new technical initiatives across various project
- Guided team members in managing project responsibilities
- Organized training sessions, conducted reviews of completed tasks, and ensured adherence to quality and process standards

Senior Software Engineer Jan 2021 - Dec 2023

- Responsible for Software Project Coordinator in Master ECU software development
  - Managed activities among stakeholders in Germany, including the System Engineer, Software Project Leader and Customer, as well as the development team in Vietnam
  - Supported Software Project Leader to create and maintain software release plan, software schedule and software release notes
- Responsible for Software Developer in Master ECU software development
  - Proficient in configuring AUTOSAR Basic software, including CommStack, MemStack, CryptoStack and SystemStack
  - Proficient in developing AUTOSAR Application software components and RTE configuration.
  - Experienced in Cybersecurity software development
- Responsible for Software Analyst and Software Architect role in Slave ECU software development
  - Participated in developing a software platform for Slave ECU
  - Contributed to define software development strategy, including variants handling, change management and defect management for the platform
  - Define and document coding convention, architecture design and module design guidelines
- Competent in ensuring software compliance with V-model and ASPICE standards

Achievement

- Achieved ASPICE Level 3 largely for Slave ECU software, as assessed by an internal auditor
- Achieved ASPICE Level 2 fully for Master ECU software, as assessed by an external auditor and customer
- Successfully transitioned Master ECU software development from the team in Germany to Vietnam

Bosch Global Software Technologies Vietnam   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: Airbag System
Customer: China OEMs, Vinfast

Senior Software Engineer   **Jan 2018 – Dec 2020**
- Acted as a key member in transferring projects from China to Vietnam
- Managed activities among stakeholders from China, India and Vietnam to ensure rapid project plan throughput, quality release
- Proficient in developing Application software components and configuring Basic software for Airbag product
- Experienced in Functional Safety ISO26262 software development
- Managed entire Software Development Life Cycle:
  - Analyze customer and system requirements
  - Refine and specify software components requirements
  - Participate in software architecture and design
  - Responsible for software implementation, unit test and integration test
  - Problem analysis and resolve defects
- Lead a functional team of 3, providing consultations and reviews to ensure timely deliveries
- Conducted several training sessions for internal and external engineers
- On-site support in China & India

Achievement
- Acknowledged for contributing to on-time software delivery for GWM customer (key customer in Bosch, China)
- Acknowledged for contributing to 8% increase in ChangAn customer satisfaction with Software Quality & Delivery Commitment
- Successfully transitioned projects from China to Vietnam, increasing from 8 projects in 2018 to over 30 projects in 2020
- Effectively scaled up the competence of Vietnam team, growing from 7 members in 2018 to over 40 members in 2020

FPT Software   Ho Chi Minh City, Vietnam
FPT Software is part of FPT Corporation, the global leading technology and IT services group headquartered in Vietnam.
Product: Game cards reader
Customer: Sony Felica

Software Engineer   **Mar – Dec 2017**
- Develop software for reading/writing data in game cards
- Design and execute test cases for Unit Test and Integration Test