Tung Nguyen Thanh

Software Project Manager at Robert Bosch Engineering and Business Solutions Vietnam

Ho Chi Minh City, Vietnam

Experience

Bosch Global Software Technologies Vietnam

Software Project Manager

November 2022 - Present (2 years 5 months)

Ho Chi Minh City, Vietnam

Field: Automotive Industry

Product: Electronic Control Unit (ECU) for Parking Assistance System & Engine Management System (Diesel).

Customer Projects:

• Customers: BYD (China), MAZDA (Japan), Hyundai Motor (Korea)

• Domain Knowledge: USS Gen 6 (12 Sensor System configured)

• Chips: ST Chorus 2M (STMicroelectronics)

Skills: Customer Communication, Project Engineering Process (PEP), Budget Control, Project Management (Control, Monitor, Problem Solving, Report), V-Model, ASPICE (Level 2), 5Why, 8D.

Tools: Microsoft Project, Application Lifecycle Management (ALM), Engineering Requirements Management DOORS, PTC Integrity Lifecycle Manager, Enterprise Architecture (EA), Helix QAC.

HELLA

Software Project Manager

January 2020 - 2022 (2 years)

Ho Chi Minh City, Vietnam

Field: Automotive Industry

Product: Ambient and Interior Lighting Systems

Platform Project:

• Build the Software Solution Platform for Ambient and Interior Lighting Systems

• Domain Knowledge: LIN RGB Lighting, MeLiBu Lighting

• Chips: MLX8113, MLX8116, MLX8118 (Melexis)

Customer Projects:

• Customers: BWM, AUDI, PORSCHE (Germany), CHRYSLER (US)

• Domain Knowledge: White LED, RGB LED, Capacitive Sensor

• Chips: RL78 (Renesas), MLX8113, MLX8116, MLX8118 (Melexis)

Skills: Customer Communication, Project Engineering Process (PEP), Budget Control, Project Management (Control, Monitor, Problem Solving, Report), V-Model, ASPICE (Level 2), 5Why, 8D.

Tools: Microsoft Project, Engineering Requirements Management DOORS, PTC Integrity Lifecycle Manager, Engineering Systems Design Rhapsody, CANoe (Vector), Oscilloscope, HelixQAC

Kyanon Digital Company, Ho Chi Minh (Vietnam)
Data Scientist Intern
2018 - 2018 (less than a year)
Ho Chi Minh City, Vietnam

Bosch Global Software Technologies Vietnam
Senior Software Engineer
2015 - 2018 (3 years)
Ho Chi Minh City, Vietnam

Field: Automotive Industry

Product: Electronic Control Unit (ECU) Diesel/Gasoline, Generation 17

Customer: NISSAN (Japan) Functions/Tasks:

• Configuration: CAN Communication, Unified Diagnostic Services (UDS), OBD Standards

• Diagnosis Testing, COM Robustness Testing

• Task/Requirement Analysis, Query Handling, Software Integration, Customer Support (Software Series Support, e.g Container Creation, QAC Warning Analysis/Assessment.

Skills: Requirement/Defect/Problem/Impact Analysis, DRBFM Level 2, FMEA, 5Why, 8D, Department Representative (Quality Assurance)

Tools: INCA (ETAS), UDE Debugger, ASCET-Developer (ETAS), CANcaseXL, CANoe (Vector), QAC, PolySpace, Oscilloscope

Bosch Global Software Technologies Vietnam
Software Developer
2012 - 2014 (2 years)
Ho Chi Minh City, Vietnam

Field: Automotive Industry

Product: Device Encapsulation Diagnosis (Platform)

Customer: Worldwide

Functions:

• Diagnosis of Sensor (Physical Range Check, Transition Stage)

• Diagnosis of Status (Power Stage State)

Skills: V-Module, Software Detailed Design, C Language, QAC Warning Analysis/Assessment, Review, Debugging, Functional Testing, Project Quality Assurance (PQA)

Tools: LabCar, INCA (ETAS), UDE Debugger, SDOM (Vector), QAC, CANCaseXL (Vector), Jira Tracker

GATe Technology Vietnam
Software Developer
2011 - 2012 (1 year)
Ho Chi Minh City, Vietnam

Field: Automotive Industry

Product: Basic Software Development (AUTOSAR Classic)

Customer: See4Sys

Modules:

• Function Inhibition Manager (FIM).

• PDU Multiplexer (IpduM)

• Watchdog Interface (WdgIf)

Skills: Software Detailed Design, C Language, QAC Warning Analysis/ Assessment, Debugging

Tools: Eclipse IDE for C/C++ Developers, QAC, Green Hills Compiler

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Education

PACE Institute of Management
IPL Scholarship (IPL Enlightened Leadership Program), Leadership
 · (December 2023 - October 2024)

John von Neumann Institute - Vietnam National University HCM
Master of Science in Computer Science-Oriented Data (ICT), Information Technology · (2018 - 2022)

Ho Chi Minh University of Technology
Master of Business Administration - MBA, Business Administration and Management, General · (2014 - 2017)

Ho Chi Minh University of Technology
Bachelor of Engineering: Electrical and Electronics Engineering - Automation · (2006 - 2011)