

Tri Nguyen

Senior Software Engineer

Location: Vietnam, Ho Chi Minh city

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EXPERIENCE

Robert Bosch Vietnam, *Lead Software Engineer*

APR 2026 – Present

Security Projects:

- Autosar/Linux/QNX:
 - + Implement/verify/bring up security features to new projects/platforms: keystore, key management, ...

Language: C/C++

Tools: E1 Debugger, Lauterbach, CANoe, Git, GoogleTest, GDB

Luxoft Vietnam, *Experienced Software Developer*

ARP 2024 – MAR 2026

Telematic Project:

- Analyze requirements and propose technical solutions.
- Implement, write unit tests and perform developer tests for new features.
- Write ETM test cases following requirement.
- Adapt features between projects/generations.

Related modules/features: Diagnostic (Security Access, Security Services, ...), Privacy Manager, Secure boot (test), MPDT,...

Language: C/C++, python

Tools: GoogleTest, Rhapsody, ETM, Yocto

Robert Bosch Vietnam, *Senior Software Engineer*

AUG 2016 – APR 2024

Life Cycle Management / Base Software project:

- Autosar: maintain and implement new features for various modules that manage system health and life cycle including **temperature, voltage, system state machine, system supervision, wake up / shutdown.**
- Language: C

ABOUT

I have a strong passion for Computer, Sciences, and technical stuff. I aim to be a technical expert in general, especially in embedded industry.

During my work, I have consistently provided quick fixes, workarounds, improvements and advice for urgent bugs and customers' unique issues.

I have also been occasionally involved in the Task Force to find the root cause of weird bugs using structured analysis tools.

LEISURE

I enjoy learning new things.

In my free time, I study and/or revise features of new C++ standards (as most of my company's projects have not exploited any features of new C++ standards), as well as other programming languages.

I once learnt python on my own when I was at university.

LANGUAGES

Vietnamese, English

REFERENCE

Nguyen Viet Hoang – ex-Lead

0965775605

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Nguyen Van Cuong – ex-Coworker

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Tools: E1 Debugger, Lauterbach, CANoe ,Git, Eclipse, GoogleTest, GDB

- **Linux:** maintain and implement new feature for a set of applications that control startup and shutdown of the system and life cycle of other applications.

Language: C++, python, bash script

Tools: GoogleTest, GDB, VSCode

- **Embedded Android:** Maintain and implement new requirements for Thermal HAL, Voltage HAL, Vehicle HAL.

Language: C++, HIDL, AIDL

Tools: GoogleTest, GDB, VSCode

Global Cybersoft, Software Engineer

DEC 2014 - AUG 2016

- **EPON project:** implement commands to control network
Language: C/C++
Tools: Internal test framework, GDB, Eclipse, Mercurial
- **DTV project:** improve design and fix bugs for Set Top Box
Language: C/C++, Java
Tools: Internal test framework, GDB, Eclipse, Mercurial

EDUCATION

HCMC University of Sciences

SEP 2010 – MAR 2016

Bachelor of (Computational) Physics