Tan. Le Minh

Senior Software Engineer

📱 (+84) 908 245458

🌐 lmtan91.github.io

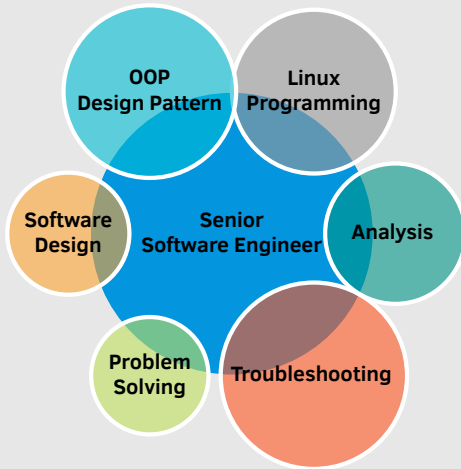✉ lmtan91@gmail.com

in/tan-le-1b41b567

lmtan91

Skills

Overview

Programming

0 *LOC* ⟶ 10000 *LOC*

bash • Python

Java • LaTeX

C • C++

OS

Fedora • Ubuntu • CentOS

IDE

Eclipse • QtCreator •

Debugging

gdb debugging

Education

2009 - 2013 **B.A.Sc., Electronics and Telecommunication** (GPA: 7.9) University of Science, Vietnam National University

- Computer Structure, Microcontroller and Lab
- Data structure and Algorithms, Computer Interfacing and DAQ
- OOP, Mobile Device Application Programming
- Embedded Systems, Matlab and DSP Lab

Experience

Nov 2015 -
Present

Senior Software Engineer - Product Development Robert Bosch Engineering and Business Solutions

- Study customer's requirement and implement new specification.
- Designed and implemented the high level software architecture.
- Did Unit test, integration test, system test, acceptance test, lifetime testing.
- Customize the rootfs, device tree, Linux kernel and u-boot.
- Do the FOSS (Free and Open Source Software) license checking for the product go to the market.
- Responsible for designing and implementing the streaming application based on Gstreamer platform and working closely with Wowza streaming team to integrate with Wowza service.
- Responsible for setting up the PC-Lint (Commercial Static Analysis Tool) on the GNU project and fix the error/warning/info reported by PC-Lint.

Sep 2016 -
Nov 2016

Senior Software Engineer - COC HMI Robert Bosch Engineering and Business Solutions

- Project that supported the German Bosch to integrate the Bosch protocol into the i.MX6 platform.
- Worked as the system integration engineer based on *Yocto* project.
- Integrated the packages support the web development such as: AngularJS, html5,...
- Designed and implemented the C++ application(*OOP*) as the json-rpc websocket server based on the libjson-rpc-cpp that will receive the json data from the front end (Ex: increase the oval cooking temperature to 40◦)
- Applied *design pattern* in software design.

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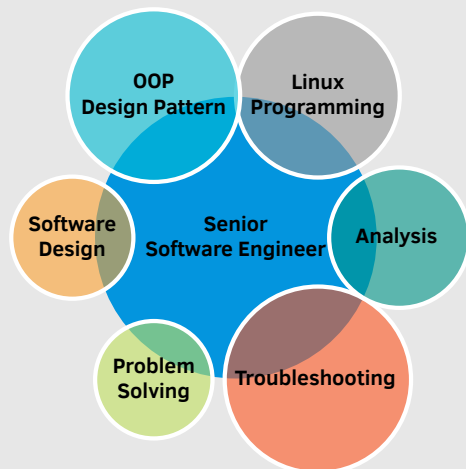## Senior Software Engineer

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Experience

Sep 2013 - Sep 2015

Software Engineer - Maintain Set-top box software   Global Cybersoft Vietnam

- Maintained and developed the set-top box software for DI-RECTV(AT&T).
- Studied and researched the Linux architecture.
- Had the chance to study really the perfect Linux product.
- Understood actual design concepts: design for test, design for debugging.
- Understood and design the software architecture from component design, class diagram, sequence diagram.

Jun 2012 - Aug 2012

Internship   Renesas Design Vietnam

- One of 16 students won the technical exam and interviews of the company to get the internship position at the company.
- Studied the 8-bit MCU designed by Renesas, compiler, IDE and hard debugging.
- Was responsible for all lab testing routines involving all peripherals in the specific MCU.
- Designed and implemented the digital watch project with Lunar calendar feature.
- Besides that, improved the soft skills such as: presentation, team work, English.

Scholarship

2012

Sunflower Mission 2012 Engineering & Technology Scholarship for Excellence   Sunflower Mission