

Sirikhum, Noppadon Mr.

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Personal Data Thai, Buddhist, BirthDate: Sep 07, 1981
Military Status: Exempted

Education *Electronics and Electrical Diploma,*
King Mongkut's Institute of Technology North Bangkok (KMITNB)
March 1998, GPA 2.88

Bachelor of Engineering Program in Computer,
King Mongkut's Institute of Technology Ladkrabang (KMITL)
March 2003, GPA 2.95

Experiences **Embedded Systems Laboratory, KMITL**
Research Assistant, 1999

- Administrate Unix-based server.
- Implement submodules.

Co-Lecturer, 2003

- Lecture groups of student in subject of Hardware Development.

Instep Co., Ltd., Thailand

Part-time Programmer, 2000

- Reverse-Engineer μ CLinux kernel, and Implement device drivers and ARM BIOS in both C and Assembly languages.

Information Security Advisory Group Laboratory, KMITL

System Administrator, 2000 - 2003

- Administrate Unix servers and network routers.

Senior's Project Researcher, 2002

- Design and Implement encryption/decryption card with Xilinx FPGA and device driver for Linux, including VPN Solution demo on Linux.

Algorithms Co., Ltd., Thailand

Student Trainee, Summer 2002

- Participate in PladaoOffice development team (PladaoOffice is Thai-localized OpenOffice.Org) as Build Engineer.

Software Designer, 2002

- Maintain central source code repository using revision control systems.
- Code, Compile and Debug PladaoOffice for Linux and Solaris.
- Develop and Maintain all Unix-based development environments.
- Port PladaoOffice onto MacOSX (X11/Darwin).

NetGadgets Co., Ltd., Thailand

System Design Engineer, 2003 - 2005

- Design and Implement system software and device drivers.
- Customize ARM Linux kernel.
- Lecture staffs on how to write Linux device drivers and customize kernel.

MicroFuzzy GmbH., Munich, Germany

Part-time Software Engineer, 2003

- Design and Implement system software and device drivers for ARM Linux kernel on Intel PXA25x.
- Port and Customize RedBoot and ARM Linux kernel for Intel PXA25x.

Software Engineer, 2003-2005

- Port and Customize QNX, IPL (Initial Program Load), BSP (Board Support Package) and device drivers on Intel PXA25x.
- Port and Customize RTAI, PREEMPT_RT-ed Linux and RTLinux Pro.
- Design, Implement Real-Time system software for automotive and industrial control applications.
- Port Linux kernel 2.4, 2.5 and 2.6 and device drivers on Intel PXA25x.
- Maintain Linux *rootfs* and graphic environment.
- Design and Implement hardware and software of LCD and touch screen on PXA25x.

Project Manager, 2005

- Manage, Design and Implement projects for real-time automotive, industrial control, prototyping and development applications using MATLAB, FSM RTLinux-Pro, RTAI, and PREEMPT_RT-ed Linux.
- Design and Implement projects with Siemens VDO related to future Direct Injector Engine and In-Car-Engine-Control Communication Systems
- Manage projects and Response as co-ordinator with other companies.

Reuters Software (Thailand) Limited, Thailand

Support Consultant, RFA, 2006

- Provide global support by progressing client issues escalated by regional support groups towards resolution based on problem analysis and collaboration with regional support groups, Developments and Product Managers.
- Coordinate with Development, Test Team, Regional Support, Product Delivery Managers and Product Managers.

Support Consultant, RFA, RDC, 2006-2007

Three-month project transition in *London*

- Provide global support by progressing client issues towards resolution based on problem analysis and collaboration with clients, regional support groups, Developments and Product Managers.
- Coordinate with Development, Test Team, Regional Support, Account Managers, Product Delivery Managers and Product Managers.
- Administrate main Unix servers of the department by migrating the existing systems to provide colleagues with the 24x7 systems.
- Support Teach-Your-Friends committee by providing training courses and advising trainers.

Support Consultant, Technical Leader, RFA, RDC, PSG, 2007-2008

Six-month assignment in *Boston*

- Provide regional proactive support for clients located in East Coast by progressing client projects and issues towards resolution based on problem analysis, project management and collaboration with clients and Reuters.
- Initiate, Design, Implement and Manage financial information systems with and for major clients located in Boston.
- Initiate and Design colloboration projects with current and new partners.

Skills

Programming Languages: C, C++, C#, Java, 80x86 and ARM Assembly, TCL TK, VHDL, and Perl

Tools: Unix Shells, L^AT_EX, GNU Compilers/Tools, Forte, Sun Studio, MS Studio, Eclipse, Apple ADC, QNX Momentics, FSM RTLinuxPro, QT/Embedded, Tibco RV, Reuters RFA, Sun NSAPI, MATLAB and UML

Operating Systems: μ CLinux, Linux, RTLinux, RTAI, Solaris, OSX, BSDs, QNX, AIX, MS Windows and eCos

Language Skills: Spoken and written Thai and English; spoken some German