

JAMRAS RUANGRON

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ABILITIES

- Plan, administer and review activities concerned with the acquisition, development, maintenance and uses of computer and telecommunications system within an organization.
- Control the operating effectiveness of information technology systems and arrange systems maintenance and enhancements to meet user requirements.
- Write, test, update and maintain computer programs to meet the application needs of end-users of computer system.
- Design, implement, maintain and monitor telecommunications systems, which ensure the integrity and security of data, and reviews the organization's computing environment and usage of computer facilities.
- Plan and control projects. Estimate size, duration, effort and cost of projects. Track, monitor and mitigate risks that probably occurring during project execution.
- Manage cooperate information security under an ISMS (ISO17799 and ISO27001) standard

EXPERIENCE SUMMARY

Experience in computer for over **13** years and in management for **5** years:

- **Computer Hardware and Software** – from TTL IC circuits, Micro-controllers (Z80-MCS51) to personal computer (parallel, serial and ISA slot interface – coding and wiring), subscribe electronic circuit by coding and burning to ROM in a single board, used to control a robot.
- **Operating System** – Design and set up Windows and Linux platform, and smoothly integrate them into a network by considering their strengths and budget.
- **Computer Language** – Experience from Assembly, Pascal, C (Dos and UNIX), Java, PHP and ASP to a competition between .Net and J2EE.
- **Computer Network** – Selecting network devices, cabling and wiring network media, connecting and placing equipments, designing and controlling the local and inter network traffic, conducting user and network policy and monitoring and troubleshooting the network.
- **Project Leader/Management** – Leading many projects under the CMMI framework. The total staffs are over 20 and the total budget is over 40 million baht.
- **Information Security Manager** – Managing the information security department, consist of five staffs. Analysis and planning the enterprise security missions as well as conducting the information security policy, standards and procedures. Implement the ISMS (ISO17799 and ISO27001) Standards to the company.

SKILLS

COMPUTER

Operating System: Linux Redhat/Fedora, Windows 98/NT/2000/XP/Server
Application: MS Office (Word, Excel, Access and PowerPoint), Visio and Photo Shop
Programming: Perl/Shell Script, PHP/MySQL, JSP, Java, ASP, C, Pascal

NETWORKING

Advance Routing: VLSM, RIP1/2, EIGRP, OSPF, BGP and Routing Summarization
Remote Access: PPP, ISDN, DDR, Frame Relay, Redundancy Link/Backup and NAT
Multilayer Switch: Layer 2 and 3-Performance/Network Traffic control, STP, VLAN, QoS
Equipments: Cisco-Catalyst 1900, 2950, 2970, 3550, 3750 and 4606, and Cisco 2620

Others: CheckPoint (Secure Platform), NetCache, F5, LinkProof, PacketTeer

MANAGEMENT

Natural Leadership / Business Owner / Project Management (CMMI) / Information Security

LANGUAGE

Proficient: English/Thai

EDUCATION

Master of Science in Internetworking - M.Sc. (Internetworking)

University of Technology, Sydney Mar 2003 – Dec 2004 75%, Distinction

Bachelor of Engineering - B.Eng. (Computer Engineering)

Kasetsart University, Bangkok Mar 1995 – Mar 1999 2.48/4

TRAINING

Certified Information System Security Professional (CISSP)

Network Training Center 26 Feb – 2 Mar 2007

CISSP Official CBK Review Seminar (In Partnership with (ISC)², USA)

Advance Certified Information Security Center (ACIS) 30 Oct – 3 Nov 2006

Check Point Certified Security Administrator I and II

ACA Pacific Technology 14 – 15 Aug, 29 Nov – 1 Dec 2006

Using ISO/IEC17799 and ISO/IEC27001 Standard as Audit Checklist for IT Auditors

Advance Certified Information Security Center (ACIS) 14 – 16 Jun 2006

Cisco Networking Academy Program (CNAP)

Cisco Systems Inc. Mar 2003 – Jun 2004

Completed all 8 academic semesters (4 CCNA and 4 CCNP courses)

Certificate in Business English (CORE)

Insearch Language Centre, Sydney Oct 2002 – Nov 2002

Certificates in Academic English Pathway and Direct Entry English Program

Insearch Language Centre, Sydney Feb 2002 – Oct 2002

EXPERIENCE

Full-time work experience: 6 years 2 companies

CPF IT Center, Silom, Bangkok

Oct 2005 – Now

Position: Information Security Manager/Assistant Manager/Network Engineer

Type of Business: Charoen Pokphand Foods (CPF) is a well-known enterprise company. There are many subsidizers located at around all provinces in Thailand as well as some international countries such as Finland, China, India and Malaysia. A main function of CPF IT Center is to provide and support new technologies for those branches. The main infrastructure such as application and database server are centralized and located in a data center room at CPF IT Center. Those business offices are linked together and those users are allowed to access by the CPF IT Center's system and network administrators.

Number of Employee: 250-300 Employees

Information Security Manager

Responsibilities:

- Manage the information security department, consist of five staffs and supporting over 25,000 users
- Analysis and plan the security strategy, tactics and targets (short term and long term)
- Develop the information security policy and document standards and procedures
- Conduct and encourage security activities regarding to drive the defined policy and procedures such as internal auditing, penetration testing (White box and black box) and vulnerability assessment
- Conduct internal and external training courses such as security awareness training, secure coding and system hardening courses

Achievements:

- Be the first information security manager for the new department, called information security department
- Develop the information security policy as the first version for the company
- Successfully implement the ISMS (ISO17799 and ISO27001) as the cooperate security standard as well as manage the PDCA life cycle
- Deal with many external parties and manager security improvement projects with in dynamic environment

Assistant Manager

Responsibilities:

- Introduce new technologies and infrastructures
- Lead two projects as the project leader/project management under the CMMI frameworks, for example,
 - CPF Server Centralization - Implement new system by providing resources, used for software development teams, user acceptance test (UAT) and applications on production environment.
 - CPF Network Security – Implement new security system by deploying new security technologies, which are external firewalls, internal firewall, SSL VPN, IPS/IDS and Two-way authentication.
- Conduct a single framework for the support team, planning and sizing the projects, estimating the duration, effort and cost, controlling the progress, scheduling the tasks and tracking the risks.

Achievements:

- Lead the two projects to achieve the top project's quality. One of those two projects has been examined by an ATM team, who assesses and certifies the CMMI.
- Conduct and introduce the new way of supporting tasks for the support team, change the way of doing routine activities.

Network Engineer

Responsibilities:

- Explore and draw the existing network topologies.
 - CPF Network Topology consists of over 300 switches/routers and over 500 links of the WAN/LAN connections supporting over 5,000 users.
 - Data Center Topology is represented the connection between network devices as well as servers in the data center. The topology is used to display the location and the connection of all servers in the DC room, the core network, the firewall system and the DMZ, for example.
- Analysis and control the networking traffic.
- Design, allocate and introduce the connection between network equipments as well as the server placement

- Improve the existing infrastructure to archive the best performance.
- Introduce the security system, training the network team and determine the low-level configuration
- Design and configure the network devices to archive the best security system

Achievements:

- Conduct and lead the security project. Replace the old firewall and deploy new security appliances such as SSL-VPN, external and internal firewall
- Speed up the network traffic congestion. Deploy two proxy devices (NetApp) and load balance appliance (F5-BigIP)
- Increase the speed and secure the transaction by zoning the network. Prevent the local traffic to across the backbone layer and fix the accessing ports that face to users.

Cyberdene Computer Engineering Services, Bangkok

Mar 1999 – Feb 2002

Position: Shop Manager / Computer Engineer

Type of Business: To sell computers, network equipments and LAN accessories, repairing service, assembling computers, design and set up computer network and software applications.

Number of Employee: 5-10 Employees

Shop Manager

Responsibilities:

- Managed the business such as account auditing, incomes and expenses, purchasing, dealing with suppliers and maintaining stock's balance.
- Conducted the business policy, planed the customer target group and sale strategies.

Achievements:

- Business made profits under the economic crisis in Thailand (1998-2002).
- Introduced a new type of computer business profit, charged from the services. Consequently, increasing customer satisfaction and exceeding targets, as a result, an increase in company profit.
- Voted as the leader to establish the largest Internet café and computer game zone in Thailand (2000), consist of 17 shops and more than 230 hosts on over 10,000 m².
- Succeed in conducting computer game competitions among the shops, while managed the projects under some conflicts within the groups.

Computer Engineer

Responsibilities:

- Staff training on technical issues such as how to assemble a computer, how to cabling and wiring network medium, how to troubleshoot network and computer problems and how to fix it up.
- Trained technical knowledge to employees such as how to assemble a computer, how to cabling and wiring a network and how to troubleshoot the problems.
- Performed customer service's task by giving suggestions and solving problems.
- Assembled, installed OS and applications to desktops and laptops, and performed troubleshooting computer problems and repaired.

Achievements:

- Set up Internet Café and Computer Game Shop: over 30 shops launched as new business, over 20 shops as upgraded their business.
- Maintained the largest Internet café and computer game zone in Thailand (2000), consist of over 230 hosts, 18 servers and about 22 switches.

Part-time work experience: 4 Jobs

Watyang, Bangkok

Application Software Programmer

Mar 2001 - Mar 2001

- Set up a Win2000 server and 4 administrative clients, and wrote a web-based application to manage the database located on the server (ASP/Microsoft Access)
- Trained how to use the application for examination event

Kasem Group Co.,Ltd., Bangkok

Web Programmer

Aug 2000 - Nov 2000

- Analyzed, designed and wrote a web-based application, using HTML, PHP and MySQL

Kasetsart University Research and Development Institute, Bangkok

Web Administrator

Nov 1996 - Feb 1997

- Established the Institute's website on WinNT/IIS server
- Designed the website, wrote html and edited the research documents to html

Kasetsart University Library, Bangkok

Computer Administrator

Jan 1997 - Jan 1999

- Maintained the computers and the networks
- Wrote a programs to converse database

EXTRA CURRICULAR ACTIVITIES

ACTIVITIES:

Robot Club, Faculty of Engineering, Kasetsart University, Bangkok Mar 1995 – Mar 1997

- Designed and wired analog and digital circuits such as DC and stepping motor drivers, sensors and micro-controllers.
- Managed club, organized a robot competition
- Trained new applicants to build robots used in the competition

INTERESTS: Design a practical solution of integration between Cisco equipments and Linux Servers, used in schools and hospitals. Design prototypes using J2EE, and TOMCAT/JBOSS under Linux-Redhat/Fedora.

HOBBIES: Music, Traveling, Photo Taking, Computer Gaming, Reading and Cooking

SPORTS: Badminton, Football and Swimming

REFERENCES

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