



Matthew Arciniega

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Summary

Expatriate IT professional, internationally certified (MCSE, CWNA, CCNA) with over 7 years experience in Asia as a WAN and LAN technical specialist, data communications analyst, consultant, trainer and manager. Background includes network service provisioning, ISP design and operations, wireless and satellite communications, perimeter security, and enterprise networking. Experience in rural systems deployment, World Bank/GOI contracts, and public-private sector cooperation involving local regional governments. Excellent problem solver with strong written and verbal communications skills. Adept in streamlining systems to ensure maximum efficiency, ease of use, continuity in operations and optimal learning and support. Fully bi-lingual Indonesian speaker.

Currently seeking a position in IT management or operations, requiring technical expertise, analytical ability, and cross-cultural communications skills. Open to relocation.

Areas of Expertise

- LAN and ISP Systems Engineering
- Advanced Windows Domain Services
- LAN and WAN Administration
- Network Traffic Analysis & Management
- Wireless ISP Operations and Management
- Network Resource Management
- Cross-Functional Technology Team
- Troubleshooting/Problem Solving
- Firewalling and Perimeter Security
- End-user Technical Support & Training

Professional Certifications

- Certified Wireless Network Administrator, CWNA (DSSS and FHSS wireless systems) - June 2003
- Microsoft Certified Systems Engineer, MCSE (Windows 2000/2003 infrastructures) - April 2002
- Microsoft Certified Systems Administrator, MCSA (Windows 2000/2003 admin) - April 2002
- Cisco Certified Network Associate, CCNA (TCP/IP, routing and switching) - May 2002

Core Technical Competencies

- *Wireless Communications:* IEEE 802.11b/g/a, FHSS systems, smartBridges, Alvarion, Proxim Tsunami, DVB satellite systems administration
- *LAN & WAN:* TCP/IP, DHCP, DNS, WINS, Active Directory, advanced firewalling and traffic management using MS ISA and Mikrotik RouterOS.
- *Operating Systems:* MS Windows (all server and workstation systems through Xp/2003), Macintosh, MikroTik Router OS.
- *Software:* Mail servers (Exchange, Mdaemon), firewalls (MS ISA Server, MikroTik, Kerio, WinGate), office apps (MS Office 2000/2003, Visio, etc.), Corporate AV services (McAfee, Symantec), Symantec Ghost CE, and many others.

PT KampungCyber.com, Bandung (Indonesia)

Jan. 2002 - Present

Chief Technology Officer

Responsible for design and deployment of rural wireless ISP and WLAN infrastructures, e-government support systems, and community telecenters. Assessed applicability of current and leading-edge technologies in the creation of sustainable IT programs in Indonesia. Managed a team of up to 5 junior technicians and network administrators. Chief technical contributor for proposals, project TORs, e-readiness surveys, and marketing materials. Achievements include:

- Wireless ISPs. Designed, built, and managed Internet Service Providers in Bandung and Sumedang, West Java, based on wireless 802.11b and frequency-hopping technologies. Formulated service packages, and created specialized spreadsheet tools for projecting costs, profit, and loss for rural ISP operations. The Sumedang ISP is operated in conjunction with local government and has been recognized by international donor agencies as an important example of public-private sector cooperation in the creation of sustainable rural IT infrastructure in Indonesia.
- LAN/WAN Systems Specialist, Government Financial Management and Revenue Administration Project (GFMRAP). A World Bank/Indonesian Ministry of Finance consulting project to design an integrated financial management information system uniting several hundred regional offices under a centralized database. Responsible for readiness assessment, RFP WAN/LAN infrastructure design recommendations, and resource optimization. These recommendations are now scheduled for implementation by 2007.
- Feasibility Studies, Initiatives for Local Governance Reform. An e-government study for rural communities in Indonesia, part of a larger project to build public/private sector partnerships to deliver connectivity, public access, and local e-government services to promote good governance, transparency and pro-poor investments. Drafted sections on e-government concepts and readiness assessment tools.

PT Intelligent Networks, Bandung (Indonesia)

May - Aug. 2006

Operations Management Consultant

Part-time training and operations management consultant for a startup urban WISP partnering with Motorola Indonesia. The company intends to use Canopy 5Ghz/2.4Ghz systems to provide MAN services in Bandung, Jakarta, Surabaya, and several other major Indonesian cities.

- Designed and built web-based corporate communications system using open source tools, including facilities for online collaboration, project management, file archiving, calendaring, and employee profiling.
- Provided advice, technical background documents, and staff tutorials in user authentication technologies such as RADIUS and PPPoE.
- Established guidelines for documentation formats, identification labels, and versioning.

PT SatNetCom, Balikpapan (Indonesia)

2005 - 2006

Network Consultant

Audit team specialist tasked with evaluating WAN and WLAN network performance at PT KalTim Prima Coal, Sangatta (May-Jun. 2005). Subsequently tasked with making recommendations for the improvement of bandwidth management, last-mile wireless access, and work-order systems at the SatNetCom Network Ops Center in Balikpapan (Oct.-Nov. 2006).

- Worked with other team members to successfully identify and quantify performance bottlenecks.
- Instrumental in establishing effective relationships with local IT personnel and management staff in Sangatta, paving the way for further business partnerships between the two companies.

LP UniSadhuGuna, Jakarta (Indonesia)

Sep. - Oct. 2003

Consulting Network Engineer

Chief consultant and technician for corporate LAN upgrade. This educational institution offering university preparatory classes for students studying overseas required integration of a new Windows 2000 domain (3 servers) with a legacy Windows NT/9x client environment. Services included secure authentication, DHCP, DNS, Group Policy, roaming and local user profiles, Internet proxy with caching, enterprise antivirus services, remote administration, centralized file storage and automated backups.

The British Institute, Bandung (Indonesia)

Nov. 1999 - Jun. 2001

Senior Teacher for Information Technology

Oversaw intranet implementation and operations in two branches of a large and reputable EFL and college prep academy. Responsible for network systems education and staff training, including coordination and training of branch support technicians. Specialist instructor in website design using Microsoft FrontPage and other programs. Major contributions include:

- Global English - Spearheaded the development of a highly-successful addition to the general English curriculum. A nine-hour web-writing "module" provided students the opportunity to create a class website which is then developed at each successive level of study, reflecting the changing membership and interests of the class, and providing a written record by which students can judge their progress over the years. Also responsible for ongoing training of web design instructors.
- Network Upgrade - Initiated, designed, and administered the complete upgrade of the existing Windows 95/98 peer-to-peer network to a Windows 2000 server domain connecting two branches, each with 30-40 workstations. The new network provided centralized administration, user authentication, desktop security, shared internet access, intranet web services, network-wide antivirus protection, and a range of new multimedia learning facilities for students.

NetScool Internet Training & Design, Bandung and Jakarta

Sep. 1998 - Dec. 1999

HTML Instructor

Taught courses in basic and intermediate web design using raw HTML. Major training projects included the Jakarta International School and UniPrep/LP UniSadhuGuna.

Additional Experience

The British Institute, Bandung (Indonesia) 1995 - 1999

EFL Instructor

General English at all levels. Specialist in TOEFL, IELTS, and college preparatory writing.

Fulbright-Hayes Program, New York & Jakarta Jan. 1993 - Jan. 1995

Research Scholar

Anthropological research in social and theoretical aspects of Central Javanese gamelan music. A separate research project focused on Javanese horoscopy and traditional methods of divination. Both projects carried out under the auspices of the Indonesian Academy of Sciences (Lembaga Ilmu Pengetahuan Indonesia, Jakarta).

University of Wisconsin, Madison, Wisconsin (USA) Sep. - Dec. 1992

Asst. Lecturer

Designed, taught, and administered full-length course in Asian music appreciation for BA and BS candidates.

University of Wisconsin, Madison, Wisconsin (USA) Sep. 1991 - Jun. 1992

IT Help Desk Staff

Assisted computer lab users at a large university in software use and general troubleshooting. Installed and maintained new hardware and software.

Formal Education

M.A., Anthropology/Ethnomusicology Jan. 1993

University of Wisconsin, Madison, Wisconsin - Specialization in Asian cultures.

B.A., Musicology (Honors) Jun. 1990

Lewis & Clark College, Portland, Oregon - Emphasis on Javanese and Indian performing traditions.

Foreign Languages

- Indonesian (bilingual)
- Javanese (spoken fluency)
- French (reading competency)

"Turning: Turning Back." July 2005. Full transcription of one of renowned guitarist Alex de Grassi's most famous works. A number of other transcriptions for acoustic guitar are also available here.

"Indonesian English." 2000. A widely-read guide to key differences between English and the Indonesian language, Bahasa Indonesia, written with EFL teachers in mind.

"Javanese Mysticism." 1998. An extensive and often-visited collection of information on calendar systems, folk divination, and horoscopy on the island of Java, Indonesia.

"KepatihanPro Font." 1993. A professional typeface for the notation of Javanese *gamelan* instrumentation, now used by many students and professionals in the field of Indonesian traditional music.

"Surakarta Font." 1993. A screen font for the Mac, for writing in the traditional Javanese script known as *Hanacaraka*.

"The Later Mataram Period: History, Succession, and Legitimation In the Land of Kings, 1613-1790." 1992. An article on the the last great pre-colonial power to rule in Central and East Java.

Personal Data

- Born 22 March 1967, Oakland, California (USA). US passport No. Z8040953
- 67kg, 174cm, non-smoker
- Married, no children
- Indonesian visa (KITAS) and work permit valid until 18 Jan 2007

References

Available upon request