

ALEXANDER JONATHAN NARRAJOS IBRADO

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Cityland Shaw Tower
Shaw Boulevard corner St. Francis
1550 Mandaluyong City
Metro Manila, Philippines

Tangub, 6100 Bacolod City
Negros Occidental, Philippines

EDUCATION

University of the Philippines

Diliman, Quezon City

Applied Physics Department of Science and Technology Scholar 1990-1994

Philippine Science High School

Agham Road, Diliman, Quezon City

DOST Scholar 1986-1990

CERTIFICATIONS

Sun Certified Java Programmer (Java 2)

Sun Certified Java Instructor (SL275)

SEMINARS ATTENDED

Sun Microsystems Philippines, Inc.

Sun Java Programming Language (SL275)

Java Programming Language Workshop (SL285)

Object-Oriented Application Analysis & Design for Java Technology (OO226)

2001

ILOG, Inc.

Views, Scheduler, Solver (Simulation, Optimization, Operations Research), 1999

NCR Corporation, Philippines

UNIX Operating System, UNIX System Administration, 1996

CORE TECHNOLOGIES

Linux and other open source software/platforms, embedded/mobile devices,
TCP/IP and GSM messaging, SQL-based systems

TECHNICAL TOOLSET

Operating Systems

Linux, FreeBSD, OpenBSD, BSDI, AT&T Unix, Solaris

Windows 95/98/NT/2000/XP

Background in Palm OS, SymbianOS

Programming Languages

Cross-platform

Perl, PHP, C/C++, Java (J2SE/J2EE/J2ME), Kylix/Pascal, SQL, Expect/TCL, Javascript

Windows

Delphi, Visual BASIC, Visual C++

Assembly Language

PIC16F877, Intel x86

EXPERIENCE

Digitel Mobile Philippines, Inc. (Sun Cellular)

Quezon City, Metro Manila

Senior Applications Manager, 2004-present

- Developed systems for Value Added Services (VAS) content providers and corporate clients:
 1. Messaging Gateway (LogicaCMG/Acision UCP)
 2. Content Aggregator (Gemplus/Gemalto SATML Gateway, *The Mall*)
 3. Corporate SMS messaging (*TxtBlitz*)
 4. HTTP API Messaging Gateway
 5. MMS Push Gateway
- Developed other in-house systems:
 1. Intelligent Network Man-Machine Language (IN MML) HTTP Gateway (for *Give-A-Load*, Dealer Sales, etc.)
 2. ASN.1 3G CDR Transcoder (Huawei/Alcatel)
 3. Real-time VAS Settlement CDR generator
 4. VAS Account Status Updater/Blocker

MiCOM Technologies Corporation

Quezon City, Metro Manila

Senior Software Engineer, 2003-2004

- Developed embedded systems firmware for automation sensor arrays
- Co-authored Linux kernel module device drivers for audio/video security devices
- Developed Windows-based GPS-enabled application for remote/wireless video recording
- Contributed code to a Windows-based simulation GUI for security-monitor devices

Beacon Frontline Solutions, Inc.

Makati City, Metro Manila

Solutions Architect / Senior Software Developer, 2002-2003

- Developed a prototype of the revamped operations systems of a major shipping line
- Formulated technical specifications for various projects
- Headed software design and development teams

Critical Mass Communications, Inc.

Mandaluyong City, Metro Manila

Chief Technology Officer, 2002-2003

- Developed SMS and database backend systems for TXTCLUB.net, an SMS-based targeted advertising service
- Wrote the e-commerce subsystem for credit card processing

Sun Microsystems Philippines, Inc.

Makati City, Metro Manila

Instructor-Consultant, 2001-2002

- Conducted Java Technology courses for the main and authorized training centers

Pinoymail Corporation

Pasig City, Metro Manila

Developer-Consultant, 1998-2000

Chief Systems Developer, 2000

- Wrote the web-based and POP3-compliant system still in use in the main, corporate, and co-branded client services, replacing a costly yet inflexible commercial system
- Developed a remote access (kiosk) version of the webmail system implemented for the Department of Education, Culture and Sports (DECS), and various commercial establishments
- Oversaw and guided development team projects
- Enhanced commercial system in use at the time to accommodate extra functionality
- Automated the then-manual procedure of adding new users and changing passwords

Linux Philippines Corporation

Makati City, Metro Manila

Chief Technology Officer/Technical Director, 1999-2000

- Managed technical operations of the company
- Assigned and oversaw Technical/Research & Development division projects
- Developed modular web-based intranet used for messaging, scheduling, payroll, and other day-to-day activities
- Implemented diskless workstation network, cutting down in-house expenses for office computer systems
- Trained new employees in the use of Linux and related software
- Maintained local and overseas Linux servers

Center for Programmers and Users, Inc.

Quezon City, Metro Manila

Chief Information Officer, 1997-1999

Administrative Officer, 1995-1997

Instructor/Systems Administrator/Webmaster, 1995-1999

- Managed technical operations of the company
- Taught C/C++, Delphi, Fundamentals of Programming, Introduction to the Internet, Introduction to UNIX, Microsoft Office, Perl, Visual BASIC, Webpage Design
- Developed courses for Perl, Visual BASIC, Webpage Design, UNIX, and Delphi
- Wrote backend of, and maintained corporate website
- Developed data-driven and dynamic websites for clients
- Maintained overseas Linux server

WS Computer Publishing Co., Inc.

Makati City, Metro Manila

Writer/Columnist, 1993-2002

- Wrote Power Code programming column for *PC World Philippines*
- Authored features/cover stories for *Click!* and *PC World Philippines*
- Researched and penned supplementary articles for *Computerworld*
- Spoke at various venues sponsored by the company

Direct Consultancy and Development

- Maintain and develop the (Linux) KDE Bluetooth Framework Project's Bluetooth remote-control server, 2003-
- Developed the web-based Short Message System (SMS) and Over-the-Air (OTA) services of a major Philippine online company, 2001
- Programmed the Web-based email system and Domain Name System (DNS) management system for an Australian ISP and hosting company, 2001
- Simplified content management for the Department of Trade and Industry's IT E-commerce Council (ITECC) website *www.i-philippines.ph*, 2001
- Implemented the Polistrat/National Press Club E-Count System for the May Philippine elections, 2001
- Wrote the multi-user content management system for the Filipinos for Reform and Empowerment through Education, Entrepreneurship and Electronic Media (FREE3) community portals *ebantay.com* and *gin.ph* (Guerilla Information Network), 2001
- Developed the database backend and web-based Request for Quotation systems for a Hongkong-based events-management company, 2000
- Created manufacturing optimization software for Intel Philippines Mfg. to improve resource-allocation efficiency, 1999
- Programmed control software for a low-cost automation system, 1995
- Implemented utilities and other software employing and providing a variety of TCP/IP protocols for various clients

SEMINARS AND TALKS CONDUCTED

Linux

Introduction to Linux

Asia Pacific College, March 2000

Technological Institute of the Philippines, September 2000

Linux on the Desktop

ABS-CBN SNN Business Center (Cable TV Interview), February 1999

Internet

Security and Privacy Issues on the Internet

ABS-CBN SNN Business Center (Cable TV Interview), October and December 1998

The Internet and Y2K Issues

Doña Luisa Medel National High School, Bacolod City, 1998

Advanced Internet Applications

South East Asian Ministers of Education Organization Center for Innovation and Technology (SEAMEO INNOTECH), Commonwealth Ave., Quezon City, 1997

Web Development

Building Dynamic Websites Using PHP

Linux 2000 Conference, Cebu City, June 2000

CGI, Perl, and Javascript

InternetWorld Philippines, October 1998

Webpage Design

SEAMEO INNOTECH, Quezon City, 1996

Visual BASIC

E-commerce Applications Using Visual BASIC

InternetWorld Philippines, October 1998

Visual BASIC 6.0

Microsoft Developer Days 1998 (MS DevDays98), Manila, September 1998

Introduction to Visual BASIC

Junior Philippine Computer Society, East Asia Institute of Technology-FEU, 1995

General Computing

Computers in Management

Institute for Small Scale Industries, University of the Philippines, Diliman, 1996

Windows Basics

University of St. La Salle, Bacolod City, 1995

Computer Viruses

The Melissa and Papa Viruses

ABS-CBN Sarimanok News Network Business Center (Cable TV Interview), April 1999

Computer Viruses

ABS-CBN SNN Business Center (Cable TV Interview), August 1998

SolutionsWorld '96, New World Hotel, 1996

Technological Institute of the Philippines, 1996

St. Paul College, Manila, 1995

Protecting Yourself from Computer Viruses

Junior Philippine Computer Society, East Asia Institute of Technology-FEU, 1995

University of St. La Salle, Bacolod City, 1995

Junior Philippine Computer Society, Makati Sports Club, 1995

UNITE '95 (PCS/COMDDAP), Makati City, 1995

Antivirus Programming

UNITE '95 (PCS/COMDDAP), Makati City, 1995

PhilITEC '93, Makati City, 1993

Virology 101

UP Computer Programmers and Users, University of the Philippines, Diliman, 1992

Virus Detection and Prevention

South East Asia Forum for Development Alternatives (SEAFDA), 1991

LANGUAGES

English

Filipino/Tagalog

Hiligaynon/Ilonggo

Background in

Chinese (Mandarin/Fookien), Japanese, German, Esperanto