

PRASAD WIMALASIRI

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Objective To work full-time with a dynamic company in a challenging environment

Experience **Triarch Systems Engineer** [Oct 01 – present]
Bear Stearns, New York, US

- Provided timely resolution to business critical Market Data Operations; Infrastructure Hardware and Software issues, user data content issues originating from multiple vendor services. Co-operatively worked alongside Vendors and in-house SUN Hardware, Engineering and Network operations groups.
- Wrote SQL and Perl scripts to query DACS Sybase DB and generate reports based on Business unit requirements and provided detailed accountability reports of users, and services to the Business unit. Wrote and modified Perl and Shell scripts to automate tasks and requirements.
- Involved in Several Engineering projects to install and upgrade Market Data infrastructure: Reuters Data Feeds (RDF), Session Servers, Vendor IDB's (Prebon, Tullet, Liberty, Hill, Patriot, Marketlink, Surf), Vendor Network migrations, and in-house data feed service consolidations. Ensured proper operation of all Service availability after engineering projects, updated and documented such events.
- Worked on the new RMDS test lab and configured all RMDS components License servers, MDHub, P2P, Rtic and Rdtick; carried out Triarch to RMDS migration testing. Temporarily set up and configured RMDS on Engineering P2P to allow developers to test applications.
- Successfully migrated Reuters DACS Sybase permissions database to new location and infrastructure. Set up and configured Reuters DACS Permissions servers Triarch Engineering backbone and integrated Engineering permissions into production Market Data.
- Tested new Triarch Market Data system components, revisions and updates prior to production. Updated internal Engineering documentation related to Market Data.
- Resolved data content queries from Business User groups and Development groups.
- Supported the Disaster recovery Back-up site during high-risk Alerts to ensure all back-up Market Data Distribution System contingencies are in operation.
- Managed and resolved out-of-hours operations issues remotely via VPN and Managed weekend Engineering operations.

Systems Engineer [Apr 00 – Sep 01]
Reuters America Inc, New York, US

- Provided a total integration Solutions from back-end to workstation for clients requiring Market Data Systems. Coordinated and managed projects from Site Survey's to completion involving all related parties informed of progress made. Evaluated and suggested existing Triarch sites for possible performance improvements. Carried out Maintenance tasks.
- Installed and configured AMS's, Sink / Source Distributors, ISFS, DACS Effix Licensing, Session Servers. Configured 3d party Feeds such as Cantor, Bridge, and Telerate to work with Triarch Systems. Concept of IDN and HPSN data delivery.
- Installed blade-runner and fixed Internet access. Configured VPN over IPSec for smaller clients. Configured Bay routers for Bladerunner and Session Servers. Integrated 3000 Extra, Kobra, RTW, 3000 Products (Markets, Energy, Money, and Fixed income), DBU Servers, PowerPlusPro and Reuters Plus Workstations, PRISM products into client sites.
- Dealt with large customer environments, which require unique solutions and additional support for Networking, Firewall, NAT/PAT issues, and worked closely with client Administrators. Carried out delicate Triarch power down and power ups as well as circuit moves. Backed up Sybase on DAC's and clean shutdowns. Customized Triarch loads into packages according to customer specifications.
- Provided support and knowledge with new products for Product Managers. Escalate issues with latest software distributions, and communicate faults to Developers in the evaluation process. Troubleshoot T1/64k circuit issues and pinpoint problems, and to resolve such problems with data centers and Telco's.
- Provided onsite support and Troubleshoot as a Reuter's representative at Client sites. Supported large projects in Dealing System integration.
- Configured in-house proxy server for Internet access. Installed and configured a firewall system using Linux for in-house Lab. Administered and structured in-house IP addressing scheme for efficient use and manageability. Worked closely with colleagues and helped new Engineers get on track and understand Triarch concepts. Designed and supported Reuters Software distribution CD-ROM writing PC. Recommended Hardware for in-house.

Experience	Unix / NT Systems Administration support (Internship) [Jun 99 – Aug 99] <i>Goldman Sachs (Tokyo) Ltd., Tokyo, Japan</i> Worked with the fixed income division, Unix / NT Systems support as a summer intern. Carried out daily administration work on Unix and NT platforms alongside FI Administrators. Prepared Solaris Workstations for trading floor roll-outs, using Jumpstart. Tested latest end user market data build packages for possible flaws before rollout. Took inventory of all Servers belonging to TK-FI.
	Computer Consultant (Student) [Aug 98 – Dec 99] <i>University of Southern California, Information Systems Division, US</i> Worked part-time providing phone support for the large student-body and faculty members on using Windows NT / 95, Mac OS and Sun Solaris advising mainly on Network connection issues as well as general application Software. Resolved home users and on-campus users on Network connectivity issues, and authentication issues.
	Field Engineer [Aug 97 – Dec 97] <i>Millennium Information Technologies, Colombo, Sri Lanka</i> - Configured and supported Client Sun Hardware, resolved issues related to Hardware ranging from Sun Sparc station 5,10,20 workstations, Netra T1, Netra 20, J Servers, Sun Disk arrays. - Supported troubleshooting issues for Solaris 2.5.1, SUN-OS and JAVA OS related issues, X Windows, CDE configurations, patch updates, DNS servers, Raid arrays, Performance enhancements to Sites varying from: Internet Service Providers, Banks, Telecommunication and other firms. - Configured and resolved Networking issues related to Sun Hardware, Cisco Switches and Routers, and SUN dial-up lines. - Configured, Deployed and educated staff on new Intra-net web server.
Computer Skills	<i>Market Data:</i> Triarch Infrastructure - Sink / Source Distributors, ISFS, DACS Effix Licensing, AMS Session Servers and 3d party Feeds such as Cantor, Bridge, Telerate. Basic PRISM. Small site delivery: blade-runner variants, DBU Servers, RTW (3000 Desktop Products), 3000 Extra, NSI, Kobra and PowerPlusPro, Reuters plus Terminals and Bloomberg workstations. Nortel clients. <i>Networking:</i> Limited knowledge in Dealing System integration. <i>Operating Systems:</i> Bay Routers, Cisco Routers and routing protocols, Squid Proxy Servers, Packet filtering firewalls, Apache Web server, php. <i>Languages:</i> Linux and Solaris 5.6 / 7, Windows NT/2000/XP, QNX, Interactive Unix. <i>Packages:</i> Network install - Jumpstart, packaging Unix Software. Monitoring and optimizing system performance. Building PC's and Troubleshooting Hardware. <i>Languages:</i> Perl, C++, HTML, BASIC. <i>Packages:</i> SQL scripting, Unix scripting. MS Software, VISIO, vi LaTeX text editing.
Education	University of Southern California, USA [Jan 98 – Apr 00] Pursued MS in Electrical Engineering (Emphasis on Computer Networks)
	The Victoria University of Manchester, UK [Sep 91 – Jul 95] Meng in Electrical & Electronics Engineering (Integrated Japanese exchange program) Graduated with Hons. Class II
	Kwansei Gakuin University, JAPAN [Aug 93 – Jul 94] ERASMUS Japanese Exchange Program Exchange Year
Certification	- Sun Certified System Administrator (SunSA) Sep 22, 00 - Cisco Certified Network Associate (CCNA) Nov 01, 00
Language Skills	- Japanese (Japanese Language Proficiency Test Level 3) - Sinhalese - German language experience
Related Course Work and Training	C++ Programming, Database Systems, Broadband Networks, Operating Systems, Computer Systems Architecture, Multi-media technology and Communication Systems. Solaris System Performance and Management Advanced Solaris Administration
Professional Membership	- Member of the IEE - Institute of Electrical Engineers - Member of IEEE Computer Society - Student member of ISOC - Internet Society - Student member of USENIX and SAGE

Teaching Experiences	Cultural Representative [Nov 93 - Jun 94] <i>ICS Osaka, Japan.</i> Assistant teacher at English school, helped improve English speaking ability for students. I was responsible for a small group of students. Helped me to gain experience in managing people as well as improve my communication skills.
	Assistant teacher [Oct 92 - Mar 93] <i>Two trees School, Manchester</i> Helped improve Maths and Physics skills of elementary school students, gave me an in-depth knowledge of communicating my ideas positively to a much younger group of students.
Other Education	Merton College [Sep 89 – Jun 91] <i>Morden Park, London, Surrey SM4 5QX, UK</i> At Special A'Level Papers, Applied Maths (II), Pure Maths (U) in 06/91 Applied Mathematics (A), Pure Mathematics (A), Physics (A), Pure and Applied Maths (A), At A'Levels in 06/90 Pure and Applied Maths (A) At GCSE in 05/90 German(C)
	D.S. Senanayake College [Jan 78 - Mar 89] <i>Gregory's Road, Colombo 7, Sri Lanka.</i> GCE O'Levels in 03/89 English (A), Mathematics (A), Religion (Buddhism) (A), Science (A), Social Studies (A), Sinhalese (Language)(B).
References	Available on request