

Anton Okmianski

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An accomplished Technical Leader for networking software development projects. Solid management and technical skills with track record of working on carrier-grade products deployed at major telecommunications service providers such as Comcast, Charter, Cogeco and others.

Summary of Qualifications

- 7+ years and 5 full product life cycles of software engineering experience
- Technical leadership of a group of up to 20 engineers
- Marketing experience: industry analysis, product definition, partnerships and sales support
- Track record of representing company in industry standards bodies and in front of customers
- Expertise with network protocols and network management software
- Strong analytical and communication skills including technical public speaking
- Advanced engineering skills in distributed system design, programming and debugging
- High business acumen and entrepreneurial drive

Technical Expertise

Languages: Advanced Java, J2EE, Perl, JavaScript, C++, HTML and XML
Sun Microsystems Certified Java Programmer

Methodologies: OOA/OOD (UML, design patterns, re-factoring), SOA

Systems: Sun Solaris, Linux, Microsoft Windows

Protocols: SOAP, WSDL, HTTP, TR-069 / CWMP, UDP/TCP/IP, DNS, DHCP, DOCSIS, STUN, NAT, TLS / SSL, SNMP, LDAP

Key Areas: Remote device management, network services, home/business network equipment, embedded databases, distributed / high-performance / high-reliability systems, web development

Industry Standards Work

DSL Forum: major contributor to TR-069 group of standards for over 2 years

IETF syslog WG: author of *syslog-transport-udp* draft RFC; active contributor to other drafts

HGI: home gateway remote management and QoS standard involvement

Patents, Publications & Talks

Primary author of 10 technical patents (issued and pending) for Cisco Systems, Inc covering inventions in the area of home networking, distributed computing, data storage and distribution.

Dr. Dobbs Magazine. December 2002. Published article on developing high-performance transactional systems with Berkeley DB database.

DECUS Conference. November 1999. Technical talk on directory enabling network management applications.

Professional Experience

Cisco Systems, Inc. (Boxborough, MA)
Technical Leader (Software Engineering)

August, 2000 - Present

Responsibilities & Accomplishments:

- Shaped technical product requirements, authored design specifications and oversaw implementation of Broadband Access Center - an industry leading product for remote management of home network devices on mass scale
- Provided technical direction to a team of up to 20 engineers
- Became a company-wide expert on TR-069 and remote logging technologies
- Consistently rated and promoted as a top-graded performer

Technical Contributions:

- Lead the design and development of a highly scalable product with distributed architecture
- Designed a high-performance database layer using the Berkeley DB embedded database
- Investigated and improved performance and reliability of the product on the Solaris OS
- Implemented the TR-069 protocol stack for the product in Java
- Performed "last resort" technical support for key customer accounts

Business Activities:

- Product definition, competitive analysis, RFP responses, product presentations
- Interfaced with device/chipset vendors on interoperability projects
- Evaluated technology of target acquisitions & developed partnerships
- Developed & showcased technology prototypes to customers for early feedback

Process Software, Corp. (Framingham, MA)
Software Engineer

June, 1998 – August, 2000

- Developed a sophisticated web-based interface for DHCP / DNS server management
- Performed a full set of tasks to extend the core product to target a specific market niche
- Designed and implemented a template-based report generation module for LDAP directory
- Re-designed major parts of the database and middle-tier layer components
- Developed high-performance, real-time SNMP statistics reporting module
- Researched LDAP directory server performance and scalability
- Programmed extensively in Java, Perl, JavaScript, ASP

Education

BS in MIS (Management Information Systems), Babson College (MA, USA)

- GPA in major 4.0 (overall 3.83)
- 14 MBA curriculum courses: accounting, finance, management, marketing, law, etc.
- Two awards for winning mathematics contests
- Paul F. Greene Telecommunications Research Award

Additional Experience

Prior to attending college, established and ran a successful branch of family import and distribution business. Ran warehouse operations, published educational materials for distributors and conducted training seminars. While in college, created, marketed and ran multiple e-commerce web sites which generated thousands of visitors a day and ran at a profit. Developed a custom payment gateway interface and database software for these sites. Gained experience with outsourcing web development abroad while helping friends and family with various projects.