

# Nicholas T. Avgerinos

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## PROFILE

I am a senior level developer with management experience. I have a solid background in the software development life-cycle, as well as database and system administration.

## EXPERIENCE

### Senior Engineer, Sputnik, Inc., San Francisco, CA

October 2005 - Present

- Senior developer managing the company's managed WIFI product (Sputnik Control Center). Also worked on firmware for embedded devices (i.e. Linksys WRT-54G(s), Zcomax XG-2000).
- System administrator maintaining servers for company's hosted products (SputnikNet, SputnikNet Express) as well as internal systems (email, web, Asterisk PBX) running various forms of Linux (wbel, fedora, gentoo).

### Director of Software Engineering, VoIP, Inc., Cooper City, FL

March 2004 - June 2005

- In the span of four months, designed and built an entire e-commerce retail Voice-over-IP product, complete with billing, web-based customer management, signup and automatic CPE hardware configuration.
- Transitioned retail product into a "Virtual Service Provider" model, allowing customers a tremendous amount of flexibility while maintaining ease-of-use.
- During the company's initial startup phase, functioned as primary developer, database and systems administrator and helped grow the 2 person development/IT team to 10+ people.

### Manager, Abbey Carpet's Flooring World, Ellicott City, MD

November 2003 - March 2004

- Assisted in family-run carpet/flooring store due to an illness in the family.

### Senior Software Engineer, 10-20.com, Laurel, MD

October 2001 - December 2003

- Designed, developed, built and maintained vehicle tracking system from the ground up.
- Developed and maintained web-based customer interface to display location data (GPS and Geocode data), integrated street (vector) and topological maps, alarms and history data.
- Designed, implemented and maintained database, web, ColdFusion and other services.

### Senior Software Engineer, Voyager Enterprise Systems, Burtonsville, MD

January 2002 - June 2003

- Performed all phases of the software development life cycle, working on the company's flagship *VoyagerView* network monitoring product.
- Designed, developed and enhanced web-based interface, serial (text) console back-end, administrative interface as well as an automated installation CD for the network monitoring appliance.
- Supported and enhanced the company's high-scale/high availability email and web server product (supporting over 1700 domains and 15,000 users at some customer sites).

### Team Lead (Application Development), Cidera, Inc., Laurel, MD

August 2000 - January 2002

- Worked as the lead on a team of five programmers. Developed and implemented guidelines, standards for programming, coding styles and version control.
- Designed and built web-based Order Tracking and Order Entry systems for customer, site and product data.
- Gathered and coordinated requirements from several departments, including Contracts, Installations, NOC and Accounting.
- Designed and built web-based customer-facing support interfaces allowing customers to view information about their products and services, update their contact information and other data.
- Developed a usage tracking system for the company's Video On Demand services, which integrated billing and OTS data with reports via the customer web interface.
- Due to layoffs, assumed increasing responsibilities within the company, including the roles of Oracle DBA and Solaris Systems Administrator.

### Senior Manager (Info. Services), Pacific Gateway Exchange, Burlingame, CA

September 1999 - August 2000

- Built and managed Information Services & Support Department for Onyx Networks (a PGE subsidiary).

- Managed team of 9 employees/contractors.
- Coordinated projects with IS, Engineering, Operations and Security departments.
- Designed and built internal applications and services including Order Tracking System, Inventory Control, Human Resources, Trouble Ticketing System and Windows Domain Server.
- Managed internal WAN and supported global offices including San Francisco, Dallas, Tokyo, UK and Germany.

**Senior Programmer Analyst, Intermedia Business Internet, Beltsville, MD      March 1998 - September 1999**

- Performed entire project life-cycle, from gathering requirements to final release and testing.
- Designed and built web-based systems for Sales Lead Tracking, Order Entry, Y2K Compliance Tracking and Human Resources.
- Developed applications integrating Oracle, ColdFusion, JavaScript, Perl and Remedy.
- Promoted to Team-Lead role in less than one year. Promoted to Sr. Analyst six months later.

## EDUCATION

**Bachelor of Science, University of Maryland College Park**

**Graduated: December 1997**

College of Computer, Mathematical and Physical Sciences

Major: Computer Science

Related Courses: Database Design, Software Design & Development, Data Structures, Algorithms, Organization of Programming Languages.

## SKILLS

### Programming Languages

Excellent in: ColdFusion 3-6.1 (MX), LAMP (Linux/Apache/MySQL/PHP), Perl, JavaScript, HTML/DHTML, XML, Remedy ARS, SQL (Oracle, PostgreSQL, MySQL), PL/SQL, C/C++  
 Extensive Experience In: Mason, WML/WMLScript, Visual C++, AWK (SED and other \*nix/GNU utilities), Pascal

### System Platforms

Excellent in: UNIX [Solaris 2.5.1-9, IRIX, Digital, Linux (RedHat, Slackware, Gentoo), FreeBSD, Darwin], Macintosh OS 9 and OS X (10.1-10.4), DOS, Windows (3.0-3.11, 95, 98, NT, 2000), OS/2  
 Extensive Experience In: IBM D Mainframe (VM/SP), NeXTStep

### Software Protocols

Excellent in: Asterisk PBX, PortaBilling 100 (w/PortaSIP, PortaUM), Oracle 7-9i, PostgreSQL, MySQL, LDAP (OpenLDAP, iPlanet), CVS, Dreamweaver, OpenOffice, Pages, Keynote, Microsoft Office, Visio, Corel Office  
 Extensive Experience In: Actuate, MS Project, Adobe Photoshop  
 Excellent with: SIP, HTTP, TCP/IP

### Hardware

Excellent in areas of PC, Sun and Macintosh hardware repair, maintenance and upgrading.  
 Excellent with VoIP hardware, including: Cisco (79xx's & ATA-186's), Sipura, Polycomm, Digum, Zytel, Mediatrix, VoIP Solutions MTAs.

### Foreign Languages

Completed 3 semesters of Japanese language instruction from the Japan-America Society of Washington, DC.

## REFERENCES

Available upon request.