

Tido Ciaravino

+1 (850) 320-8436

Florida, USA

<https://tido.com>

+359 877 529 565

Sofia, Bulgaria

tido@tido.com

Career Summary

I have over 25 years of professional experience and over 30 years of personal experience with computers, networking, information security, programming, and related technologies.

I also have over 20 years of experience managing IT, development, and operations groups ranging from small teams of 7 or less to large departments / small companies of 40-50.

While a large portion of my career has been spent in management and team lead positions, I am a geek at heart and I also thoroughly enjoy the opportunity to be a hands-on individual contributor / team member.

Skills Overview

Native English speaker

I have the ability to communicate both verbally and in written form to a wide range of technical and non-technical audiences including customer and partner facing roles.

Expert UNIX sysadmin with over 20 years of experience starting with Linux 0.9 in 1993 including contributions to Arch, Gentoo, and ZFS on Linux.

I have extensive information security experience ranging from highly technical programming and packet analysis to high level architecture and policy/procedure creation in environments that spanned from battlefield encrypted communications to top ten financial institutions.

I have significant experience in performing investigations and computer forensics, and in working with legal council and law enforcement agencies.

I have an extensive background in Internet/Intranet related technology, architecture, programming.

I am as comfortable performing technical work as I am delivering the results in a business relevant context.

I enjoy mentoring teams and individuals.

I am well versed in the complete technology life cycle from design and implementation to maintenance and enhancement.

Technical Expertise

Operating Systems

UNIX	Linux, Solaris, HP-UX, Sun OS, IRIX, NeXTSTEP
Microsoft	Windows 8/7/XP/2003/2000/NT/DOS
Macintosh	Mac OS, Mac OS X

Security Technologies

Firewall / VPN	Check Point, netfilter/iptables, smtpd, ssh, multi-factor authentication
Intrusion Detection	Snort, Network Flight Recorder, Real Secure, Custom
Penetration Testing	Hacker and Professional Tools, Internet Scanner, System Scanner, Nessus, Custom
Network	Router and switch ACL's with logging, Sniffers, Packet Analysis, DCE/DFS, Cylink
Content	SmartFilter, Antivirus, Anti-spam

Network Technologies

LAN	Routers, Switches, 802.1d, 802.1q, Cabling
WAN	ASN, T3, T1, Fractional, Frame Relay, ISDN, POTS
Wireless LAN	802.11 a/b/g/n

Applications

Internet	DNS/bind, Sendmail, NTP, FTP, NNTP
Web Servers	Apache, Nginx, Netscape Enterprise, IIS
Proxy/Cache Servers	SQUID, Netscape
Reverse Proxy Servers	Nginx, Netscape

Programming

Scripting	Shell, Python, Ruby, HTML, PERL, Batch
Languages	C/C++, ADA, Assembly (various architectures)
Web	Django, Ruby on Rails
Database	MySQL, Oracle, Access, FoxPro
Version Control	git, Mecurial, Subversion, CVS

Certifications

ISO 27001	Lead Auditor
Check Point	CCSA & CCSE
Cisco	CCNA

Honors

- Received First Union Information Security Division MVP award for the Cyberbanking Security Review
- Received Army Commendation Medal for placing 2nd in the All Germany Ratt Rodeo
- Received Army Achievement Medal for achieving top score in the Brigade for the Ratt MOS
- Honors College Western Michigan University

Personal Interests

R/C helicopters, computer security, smart houses, soccer (indoor and outdoor), and home theater systems.

Work Experience

ActivTrades Sofia, Bulgaria 2016–Present

Head of IT – Responsible for the global IT infrastructure and staff, and the Chairman of the IT Committee. Responsible for migrating and improving the cloud based trading platform. Also responsible for preparing the organization to become a bank under the Bank of England including planning and building the new banking infrastructure, improving Information Security, and ISO 27001 certification. Lead the teams to improve platform performance under extremely bursty traffic loads, and lead the Business Continuity Planning / Disaster Recovery (BCP/DR) to achieve maximum up-time and lowest Recovery Time Objective (RTO). Additionally worked with development and operations teams to improve monitoring and alerting for the network, servers, and applications.

Software Society Sofia, Bulgaria 2015–2016

Ruby on Rails Developer – Providing development and support for Internet Banking customer. Implementing both front and back end solutions including web interfaces in a Behaviour-Driven Development environment. Primarily responsible for developing the Community interface and related interactions with the core banking systems. Technologies used include Ruby on Rails, SQL, Cucumber, and Travis CI. Other responsibilities include supporting other development teams with operations coverage.

Melon Sofia, Bulgaria 2013–2015

Senior Python Developer - Team leader and primary customer point of contact for Melon customers. Serving customers primarily in the gaming industry with solutions for front and back end, including custom clients, web interfaces, and content management systems. Technologies used include Python, Django, SQL, JavaScript, CSS and other related technologies. Also responsible for mentoring junior developers and training/managing interns.

euroNAS Sofia, Bulgaria 2012–2013

Senior Linux Developer - Responsible for architecture, project management, development and support of a NAS appliance operating system and web based interface. Debian based operating system with custom installation interface and media with private repository and packaging. Development in various scripting languages, HTML, JavaScript, Python and C. Created project management work flow, and supported company internal and remote servers. Provided remote customer support and problem resolution. Also supported English language marketing efforts.

Private Consulting Sofia, Bulgaria 2011–2012

Software, systems, information security and architecture consulting to international clients.

Work Experience (continued)

M-tel Sofia, Bulgaria 2010–2011

Department Head - Lead the Business Systems Support Department which provides operational support for all M-tel business applications. Tasked with expanding and transforming the department to provide better support and additional resources to assist with the transition from the previous billing system to the new Amdocs billing system. Providing Billing for all M-tel customers, CRM/OMS/Cashier for all M-tel and affiliate shops, CTI/PBX/800 for all inbound and outbound customer calls, and SAP for the entire Telekom Austria Group composed of 9 companies in 7 countries. Also responsible for all related CAPEX, OPEX, and personnel budgeting.

Soft Tech Sofia, Bulgaria 2009–2010

Director of Research and Development - Lead Research and Development efforts for the affiliate networking system which services the top online gambling companies in the industry. Provided long term strategic goals and short term tactical solutions to meet the highly dynamic and rapidly expanding needs of the customer base. Management and mentoring of all technical teams and staff members including technical leadership and professional development for Java, QA, PHP, IT, UI, Support, and Technical Writers. Additionally responsible for general administrative and budgeting tasks.

The Sphere OOD. Sofia, Bulgaria 2007–2009

Partner - Country manager for software, systems, and architecture consulting and research company providing a wide range of services to customers and partners.

DobroSoft, Ltd. Sofia, Bulgaria 2006–2007

Chief Technical Officer - Charged with providing technical leadership, and improving the software development and production environment for a high volume Online Poker Network implemented with a client/server architecture consisting of game servers, back office suite, cashier services, and web services for integration with external partner systems. Additional responsibilities include researching new strategies and technologies to further improve the current product line and set strategic goals for future development. Planning and budgeting to meet business goals. Management and mentoring of all technical teams and staff including development teams, quality assurance, technical support, and system administration. Improving internal operations, procedures, security, systems and networking to improve performance, scalability and reliability.

Work Experience (continued)

Tumbleweed Communications Corp. Sofia, Bulgaria 2005–2006

Software Architect - Lead the Research Team investigating various emerging technologies and evaluating their applicability to current and future software development goals. Performing analysis and investigation of out-of-the-box strategies for optimizing and improving the performance of current products resulting in dramatic performance increases. Creating and distributing formal documentation for presentation to internal management and development teams. Working with internal teams for application of research to current products.

LendingTree, Inc. Charlotte, NC February 2001–2005

Director of Information Security - Created Information Security Department for LendingTree, Inc. Tasked with bringing the organization from a startup state to a state of managed risk.

Responsible for all aspects of Information Security including:

- Corporate strategy
- Risk management
- Policy and procedures
- Investigations
- Intrusion detection
- New technology review and approval
- Source code reviews
- Security tool software development
- Perimeter architecture
- Firewall policy review and approval
- Security posture assessments
- Preparation coordination and follow up for third party audits
- Hiring and mentoring information security staff
- Training and information security awareness for other departments
- Vulnerability and virus monitoring and alerting
- Physical security architecture.

First Union National Bank, Charlotte, NC 2000–2001

Internet Outbound Channel Owner - Services provided to the corporation include Internet E-Mail (sendmail/smtpd) for 60,000+ employees, outbound proxy/cache with content filtering for 40,000+ employees, all external and DMZ DNS for multiple secondary and tertiary domains, and NTP services for DMZ and Intranet use. (all services provided with geographic distribution and fail-over) Responsible for Internet Outbound channel: security, design, implementation, performance, expansion, budgeting, change control, investigations support, and building/mentoring Internet Outbound team. Technologies used to deliver Internet Outbound services include: firewalls, routers, switches, enterprise class servers, RAID, and LAN/WAN connectivity. Improved security posture through process changes, configuration management, documentation, and security posture assessments.

Work Experience (continued)

First Union National Bank, Charlotte, NC 1999–2000

Intrusion Detection Manager - Responsible for developing and executing Intrusion Detection Capability for First Union, and for oversight of Network Security Services Information Security Policy, Procedures, and Posture. Charged with architecting and implementing Intrusion Detection in time for Y2K rollover, from design and implementation to monitoring and building/mentoring the Intrusion Detection team. Duties included Intrusion Detection management, incident response, expert technical and security assistance to NSS teams, development of NSS Standards, DMZ security architecture, development of NSS security lockdown configurations for servers and network hardware, assessment of NSS security posture, vulnerability research, and security product reviews.

First Union National Bank, Charlotte, NC 1996–1999

Ethical Hacker - Responsible for developing and executing the role of Ethical Hacker for First Union. Duties include security posture assessments, security reviews, source code reviews, CERT program management, vulnerability research, security product reviews, formal security policies, war dialing, DMZ security architecture and active network monitoring, network security compliance program management, expert technical assistance to investigations team, and system administration. Member of the High Tech Crime Investigation Association.

First Union National Bank, Charlotte, NC 1996

Technical Architect - Responsible for overall technical architecture of the Cyberbanking development effort. Cyberbanking was the first full featured online banking application. Duties include security and performance architecture, technology research, network architecture design, and planning, implementation of network level encryption, stress testing of the production environment, and system administration.

Sapien, Kalamazoo, MI 1995–1996

Director Of Operations - Responsible for all aspects of start-up and ongoing development of an Internet Service Provider company. Duties include budgeting, designing and implementing the network, hiring and managing technical staff, developing Internet services (WWW, Mail, News, FTP, IRC, Real-Audio), planning and implementing security, credit card processing, developing custom reporting software, and system administration.

Edward Lowe Foundation, Cassopolis, MI 1993-1995

Information Systems Administrator - Responsible for managing the Information Systems staff, including project scheduling, budgeting, reporting, staff training, new project development, and system administration. Responsible for developing Internet based resources of information and application software accessible through a distributed computing environment, including: WWW, Fulcrum FullText (and related document processing databases), UMI ProQuest (delivery via fax), fax on demand, and BBS. All services made accessible both through the Internet and dial-up, with online credit card processing.

Work Experience (continued)

Earth Shine, Portage, MI 1991–1996

Owner - Private consulting for numerous businesses. Services include: Internet installation, configuration, and maintenance, WWW design, database programming, local area networking, software installation and training, traditional security systems, and video monitoring systems.

Rose-Hulman Institute of Technology, Terre Haute, IN 1990-1991

Computer Services Technician - Responsible for network installations, trouble-shooting, computer maintenance and repair.

United States Army, Babbenhausen, Germany 1988-1989

31C Radio Teletype (Ratt) - Ratt team leader responsible for transmitting and receiving classified documents in battle-field environments. Possessed Secret Security Clearance for encrypted communications, cryptographic materials handling procedures, physical security procedures, and sensitive document disposal.

Education

ISO 27001 Lead Auditor	Cheltenham, UK
Rose-Hulman Institute of Technology	Terre Haute, IN
United States Army	Fort Gordon, GA
Western Michigan University	Kalamazoo, MI