

Derek Pascarella

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4163 NW 22nd St.
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I am an experienced and well-rounded IT professional with a diverse technical skill-set, emphasizing problem-solving and group collaboration. My interpersonal and relationship building abilities allow me to accurately assess the needs of my organization. My expertise, combined with strategic thinking, put me in an optimal position to execute a thorough, clear solution. I am also seasoned in stepping outside of my role to work in and manage cross-functional initiatives.

Technical Skills Summary

- Linux/UNIX Environments (RHEL, Ubuntu, Debian, Slackware, BSD)
- System/Network Administration and Security
- Database Administration (MySQL, PostgreSQL, MariaDB)
- Containerization (Docker, Kubernetes)
- Server Deployment and Configuration (Jenkins, Chef, Puppet, Ansible)
- Server Software (Apache2, OpenSSH, vsftpd/ProFTPD/PureFTPd)
- DevOps Practices (Integration, Delivery, Services, Monitoring, Collaboration)
- Application/Web Dev. (Perl, Bash, Python, Ruby, JavaScript, jQuery, AJAX)
- AWS Cloud Computing
- Workstation Deployment
- Command-Line Strong
- Digital Artwork and Design
- Storage and Backup
- Digital Artwork and Design

Additional Skills

- Customer/Company Relations
- Employee Training/Managing
- Presentations and Proposals
- Cross-Functional Collaboration
- Project Management
- Process Improvement

Work Experience

NexGen Surveying, LLC.

Director of Information Technology

Aug. 2015 – Feb. 2018

West Palm Beach, FL

- Developed entirety of NexGen's in-office infrastructure, including deploying office workstations, in-office/off-site server, maintaining security office-wide, and employee training.
- Coded company's website with user accounts for customers, including order tracking and retrieval of digital versions of past orders on-demand. Payment also handled through site.
- Designed and programmed internal web application for order tracking, assigning fieldwork to crews state-wide, delegating jobs to in-house and remote AutoCAD drafters, and advanced manipulation of PDF documents and digital images for delivery of final product to client.
- Created and deployed custom mobile version of job tracking web application to enhance ease-of-use for fieldworkers.
- Integrated with nation-wide Title Closing Software Companies by developing a custom RESTful API for seamless order-placement and order-status retrieval, utilizing HTTPS, tokens, and JSON-formatted payloads.
- Member of a team that innovated new land surveying method using automated drones to bring high-resolution digital imagery into site-plans that traditionally relied on simple line-work and blueprints.
- Seamlessly integrated Dropbox cloud storage into drone-surveying system for scalability.
- Implemented custom network solution to replace AutoCAD Network License, facilitating drafter collaboration while saving company \$12,000+ annually.
- Built and implemented simplified in-house CMS solution to fit specific client-retention and procurement needs of Sales and Marketing team, replacing previous cumbersome and costly system and saving company \$3600+ annually.
- Utilized ArcGIS to develop a custom web-accessible GIS with live, dynamic KML layers to allow order-management personnel to better delegate fieldwork to state-wide crews based on location and other attributes, saving time and minimizing errors.
- Enabled company's database to be searchable and easily manipulated using the many built-in tools I developed, maximizing company efficiency by utilizing multiple time-saving automation techniques with special attention paid to error-correction/prevention.

626 Holdings, LLC.
Systems Engineer

Sept. 2014 – Aug. 2015
Boca Raton, FL

- Developed from concept to launch an internal-use support service system, servicing support requests from 75+ U.S. client facilities, assigning work to technicians, recording repair details, and automatically billing and invoicing.
- Enhanced and maintained company's website, vastly improving end-user experience for clients by introducing online tracking of support tickets and technician appointments in addition to enabling clients to self-manage payments and schedules.
- Designed and programmed custom software to replace tedious manual documentation and workflow processes of all departments with dynamic automated capture forms, increasing productivity and efficiency while minimizing error, saving company approx. 15 hours of labor per employee per month.

MyLocalLoop, LLC.
Software Developer

Mar. 2012 – Sept. 2014
Delray Beach, FL

- Implemented electronic mag-stripe discount card reader system for 500+ participating merchants, enabling them to fully manage accounts with custom web application tailored to their specific business type.
- Designed and coded online control panel for cardholders, featuring user accounts, spending/discount tracking and email subscriptions/alerts.
- Facilitated and streamlined communication between participating merchants and cardholders through various channels of communication, all managed through corresponding merchant and cardholder portals.
- Managed contracted programmers for several projects ranging from the development of new features for our internal-use applications, to rewriting large portions of our backend to support projected scalability needs.
- Responsibilities were that of a developer, system administrator and designer, even creating full-page ads and digital artwork for marketing. Also gave presentations and offered technical support to our registered merchants.

Nabi Biopharmaceuticals
Junior System Administrator (Paid Internship)

Jan. 2011 – Mar. 2012
Boca Raton, FL

- Worked in Linux, Unix and Windows environments.
- Worked in teams to develop security policies and optimize network traffic for this busy enterprise.
- Developed a custom library of Perl and Bash scripts for managing backups, ghost images and compiling and maintaining ISOs of custom Linux and BSD distributions developed by IT dept. and utilized company-wide.
- Initiated development of custom GUI front-end and command-line scripts/applications for commonly executed department tasks to increase productivity and save valuable time.

Education

Florida Atlantic University
A.A. (Partial B.S. in Computer Science)

2006 – 2009

A.A. (Partial B.A. in Italian Language and Literature)

2009 – 2012

Other Areas of Interest

I've had several articles published in **2600 Magazine** between 2006 and 2011 (an internationally-available quarterly computer security magazine based out of New York City), as well as worked as a volunteer at the biannual convention held by **2600 Magazine** at the **Hotel Pennsylvania** in Manhattan, named **H.O.P.E.** (acronym for *Hackers on Planet Earth*). The conference focuses on computer/technology security with a strong emphasis on white-hat hacking. I worked with several of the conference's keynote speakers to help organize and coordinate their panels, including Kevin Mitnick (famed hacker), Steve Wozniak (of **Apple Computers**), Adam Savage (from the **Mythbusters** television show), Jello Biafra (former **Dead Kennedys** punkrock band member), as well as other brilliant minds in and out of my field. I've also made guest appearances on a radio show called **Off the Hook**, which deals specifically with technology, security, and its implications on larger society, and airs on New York City's premiere public radio station **WBAI 99.5 FM**.