

# NATHAN E. PRALLE

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## SYSTEMS PROGRAMMER & ADMINISTRATOR

Business-savvy IT professional focused on providing cost-sensitive designs and solutions intended to enhance and accelerate business processes and goals. Proven ability to effect positive change in system architectures and to develop comprehensive, customized systems that promote communication and information exchange within an organization.

## PROFESSIONAL EXPERIENCE

CAMBREX CHARLES CITY – [www.cambrex.com](http://www.cambrex.com)

***Systems Programmer***, Charles City, IA

2007 – Present

Provide web-based middleware solutions to tie together critical business, laboratory, and plant operations applications and databases to enhance communications, provide faster and easier processes, and ensure a higher level of accountability, accuracy, and compliance. Maintain and enhance business systems and networks in both local and enterprise contexts to ensure reliability and speed.

- Designed and implemented a web-based helpdesk and work order system for multiple departments, work flows, and sites.
- Configured, maintained, and expanded enterprise-level QMS and CMS systems.
- Assisted with a conversion from an NT-domain-based network to an Active Directory system and an upgrade from Microsoft Exchange 5.5 to Exchange 2007.
- Assisted with the maintenance and operation of the plant DCS (Distributed Control System).
- Performed qualification and validation of FDA, DEA, and SEC audited laboratory and business systems.

CREATIVE SOLUTIONS UNLIMITED – [www.creativesolutionsunlimited.com](http://www.creativesolutionsunlimited.com)

***Research & Development Specialist***, Sheffield, IA

2000 – 2007

Designed, developed, and maintained software packages retailed to the long-term care industry nationwide. Lead a team of four developers through all phases of software development and provided technical guidance and support for multiple departments.

- Researched, designed, and developed a database-driven, website creation software package and expanded it from concept design to full, retail version.
- Conducted surveys and research to choose a new database platform and programming suite for the company's flagship long term care software package.
- Converted a 600,000+ line code base from an enterprise database system to a dissimilar small business database system, debugged and tested the code base into a working, marketable product.
- Assisted in the deploying of the new flagship system product nationwide to over 260 separate locations on multiple hardware configurations and networks.

BINFONE TELECOM – www.binfone.com

***Vice President of Technology***, Baltimore, MD

2005 – 2007

Maintained machines servicing hundreds of Voice over IP customers, entered and updated customer records, billing, and account setup details. Provided supplementary support services for outages, software and hardware issues, and telecom problems. Maintained the corporate website.

BINHOST TECHNOLOGIES – www.binhost.com

***Vice President of Technology / System Admin***, Baltimore, MD

2000 – Present

Confirm and set up new customers, maintain support channels for existing customers and services, and maintain server hardware and software powering retail offerings of websites, email accounts, email listserves, and other related services. Maintain the corporate website.

## OTHER EXPERIENCE AND QUALIFICATIONS

- Multiple contracted positions independently and via RentACoder.com to complete simple and complex systems, maintain organization websites, and setup and repair consumer-level electronics and computers.
- Sparta TrackWise Quality Management System Certified Professional (TCP)
- Vintage computer hobbyist with an extensive collection of antique hardware

## EDUCATION

LUTHER COLLEGE, Decorah, IA

*Bachelor of Arts, Computer Science*

HAMPTON-DUMONT COMMUNITY HIGH SCHOOL, Hampton, IA

*Diploma with Honors*

## TECHNICAL INVENTORY

### Programming Languages:

C; C++; Visual C++; PowerBuilder 7,8,9,and 10; VBScript  
Perl 5 & 6; PHP 4 & 5; InstallShield 6; SQL; Shell Scripting  
HTML, CSS, & AJAX

### Operating Systems:

Windows (all versions)  
Slackware, Debian, Ubuntu, and CentOS Linux  
MacOS 6,7, and 8

### Application and Application Suites:

Microsoft Office, KDE Office, OpenOffice  
TrackWise QMS; Pivotal CRM  
Agilent ChemStation/ChemStore; Waters Empower

### Database Systems:

Sybase ASA and ASE  
MySQL  
MS SQL  
Oracle 9