Dan Herman

FULL STACK DEVELOPER // DEVOPS

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Full stack application developer and systems engineer consultant with 20+ years experience working in information technology and specializing in development. Lead developer and integrator on various client projects, both web based and client/Win32 interfaces. DevOps expertise with a focus on security, uptime reliability, and infrastructure as code with a firm belief in proactive monitoring of infrastructure.

Extensive custom application portfolio includes eCommerce, financial tracking/workflow, purchasing and procurement, CRM and SFA, project management, and document management systems. Senior level experience in Ruby/Rails, NodeJS, PHP, as well as complementary expertise in Python, Java, Visual Basic, ASP, and Perl.

ADDITIONAL SKILLS

- AWS (RDS, DynamoDB, S3, VPC, ELB, EC2, EFS, Opsworks, API Gateway, Lambda, Cognito, Cloudfront / WAF, KMS, IAM, Security Groups, Route53, CloudTrail, CloudWatch/Logs, SQS, SES, SNS, CloudFormation)
- PCI DSS Security Compliance, integration of security practices, and security audits
- SOC1/SOC2 compliance, Docker, Kubernetes
- Chef / Custom Cookbooks, Jenkins, Icinga/Nagios, Nagios Plugin Development, Serverless
- Linux, Apache/Nginx, MySql / Postgres, Squid, Asterix, Cisco Routers, IPTables, Redis/Rescue
- ELK Stack (Elasticsearch, Logstash, Kibana), OSSEC, ModSecurity, Snort, Burp
- D3.js, React, Hyperledger Fabric, Ethereum, MySQL, Postgres, GraphQL

EXPERIENCES

Past consulting engagements include

- **Global Debt Registry** // 2014 - Present
  Ruby/Rails/NodeJS software design and development of a web-based, debt assignment / validation site for financial institutions. PCI/SOC1/SOC2 compliance and security integration, AWS design and implementation. Converted applications to serverless model.
- **CouponMinder** // 2013
  Ruby/Rails software design and development of a web-based, coupon tracking site for consumers of various deal sites like Groupon, Living Social, etc.
- **HozzleRocket** // 2012 - 2013
  Ruby/Rails software design and development of a web-enabled, subscription-based site for customers with multiple residences; created patent-pending screen-scraping technology.
- **Vanguard** // 2011 - 2012
  Architected and built the Xpages design template for all future Xpages development by the in-house programmers; built document management systems and numerous other custom development.
- **Victaulic** // 2001 - 2011
  Built multiple apps, including online literature system, created and launched corporate intranet, various document routing applications from engineering to financial approval systems.
- **Rhone Poulenc/Rhodia** // 1997 - 2004
  Designed and implemented North American client/server application development network in addition to many custom workflow applications.
- **Elf Atochem/Atofina/Total** // 2003 - 2004
  Custom built e-procurement system as a centralized portal for vendor purchases allowing employees access to third party vendor sites without authentication.
- Other former clients include but not limited to: DuPont, PNC Bank, Wyeth, SouthCo, Giorgio Foods, A. Duie Pyle, VWR Scientific Products, SCIREX, Rohm & Haas, Primavera Systems, Kulicke & Soffa, Knoll Group, Elementis

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CERTIFICATIONS

- Microsoft Certified Systems Engineer (MCSE)
- Novel Certified Network Engineer (CNE)
- IBM OS/400 V4R4
- Lotus Certified Application Developer (LCNAD)
- Lotus Certified Notes System Administrator (LCNSA)