Michael Peterson

Technical Experience

Core	Linux, Bash, AWS, Vagrant, Terraform, Packer, Git, Ansible, Security, Cryptography
Familiar	Node, MySQL, PostgreSQL, JS, Perl, Ruby, Erlang, LAMP, Nginx, Drupal
OS	Ubuntu, Amazon Linux, OS X, CentOS, FreeBSD, OpenBSD, Solaris
AWS	API Gateway, ACM, CloudFront, CodeBuild, CodePipeline, CodeDeploy, DynamoDB, EC2, EFS, ELB, IAM, Lambda, RDS, Route 53, SES, SNS, SQS, S3, VPC
Certifications	AWS Certified Developer - Associate AWS Certified Solutions Architect - Associate **Certification Transcript**

Experience

2013-2017   **Infrastructure Engineer**; Gateway Church (Southlake, Texas)

Lead engineer responsible for diverse back-end systems. Responsible for all the bits nobody noticed unless they broke. Implemented cost-saving migrations from bare-metal VPS to AWS S3, EC2, Lambda. Responsible for Drupal system maintenance, PCI-DSS compliance, fault-tolerant system design.

2010-2013   **Owner**; Michael W Peterson, Sole Proprietor (Irving, Texas)

Operated consulting business providing system design, compliance audit preparation, and ongoing server maintenance for clients.

2009-2010   **Programmer**; Genares Worldwide Reservation Systems (Irving, Texas)

Designed and implemented PCI-DSS compliant encryption system to secure payment card data. Managed day-to-day operations and on-call emergencies of RedHat VPSes at Rackspace. Managed highly available MySQL server cluster.

2007-2009   **Senior System Engineer**; MPOWER Labs (Austin, Texas)

Racked, cabled, provisioned Solaris and Cisco hardware, PDUs, consoles. Brainstormed and solved cooling and ventilation issues in server suite. Hardened servers to CIS benchmarks. Ensured ongoing PCI-DSS compliance of all in-scope systems.

2006-2007   **Programmer**; Genares Worldwide Reservation Systems (Irving, Texas)

Developed real-time hotel reservation systems in Perl and Javascript, both front-end booking system and back-end reservation switch. Managed day-to-day operations and on-call emergencies of RedHat VPS at ThePlanet.

2004-2006   **Foodie / Cheesemonger**; Central Market / H-E-B Grocery Co (Fort Worth, Texas)

Made cheese. Sold cheese. Suggested pairings and introduce customers to new products to maximize sales and customer satisfaction. Performed cooking demos. Trained other team members on chocolate: varieties, characteristics, tempering techniques. Provided customer recommendations across all departments and product lines.

2003-2004   **Owner**; Michael W Peterson, Sole Proprietor (Austin, Texas)

Developed and tested WiFi access points to deploy city-wide pay-per-use WiFi service. Provided contract development and system administration expertise for contracted customers.

1995-2002   **Solutions Architect**; Prodigy Communications (Austin, Texas)

Helped grow dialup/DSL ISP, FlashNet Communications, from a few dozen customers to nearly 180,000 customers, through an IPO and subsequent acquisition by Prodigy Communications. Involved in all aspects of server management, integration, and development.

Education

1989-1995   **BA, Religious Studies**; Alma College (Alma, Michigan)

- Senior Thesis: Computer Applications in Archaeology: A Study in Hypermedia

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michael@mwpeterson.com • +1 682 559-6893

1609 Sedgefield St Apt D - Durham NC 27705-3360