

# Scott Vranesh-Fallin

📍 Las Vegas, Nevada, United States ✉ scott.fallin@gmail.com ☎ (702) 900-6762 🌐 in/svraneshfallin 🌐 http://scott.vranesh-fallin.com/

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## SUMMARY

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Programmer, database administrator, and system administrator with decades of experience with Open Source technologies and architectures seeking new opportunities.

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## EXPERIENCE

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### DBA

#### CG Technology

June 2016 - Present, Las Vegas, NV

- Performed large-scale database design, implementation, and administration of 50+ MySQL and 20+ MSSQL Server 2016 nodes.
- Developed a backup and disaster recovery methodology in compliance with Nevada Gaming Control regulations and engaged in monthly restoral dry-runs of 70+ databases.
- Database replication and slave set up in a highly-available, 24/7/365 environment.
- Performance-tuning of MySQL servers and optimization of SQL queries while supporting a team of 12 developers.
- Led the data conversion project from MySQL to SQL Server 2016.

#### PHP Programmer/MySQL DBA/System Administrator

#### DMA Financial

May 2011 - April 2016, Las Vegas, NV

- Supported and modified a 250,000 line PHP codebase.
- Tasked with the administration and security of 100+ Linux nodes at the firm's height.
- Updated all MySQL databases to new hardware 0 data loss or downtime.
- Maintained a 99.999998% uptime average during my 6-year tenure with the firm.
- Large-scale database design, implementation, and administration on 25+ MySQL nodes.

#### Senior System & Security Administrator

#### eVital Communications

February 2006 - June 2007, Las Vegas, NV

- Maintained a network of 30+ Linux and FreeBSD servers in support of a 24/7 content delivery system and render farm.
- Designed and implemented a security and incident response plan for a 50 person company.
- Wrote 3 scripts allowing for adaptive firewall ruleset generation in IPTABLES and PF.
- Supported a development team of 17.

### Consultant

#### Scott Vranesh-Fallin Consulting

January 2002 - September 2011, Las Vegas, NV

- Engaged in contract-based PHP and Ruby programming for a portfolio of 10 clients.
- Engaged in contract-based system administration for a portfolio of 8 clients.
- Engaged in contract-based network penetration testing for a portfolio of 4 clients.

#### Network Security/Systems Administrator

#### Development InfoStructure

February 2001 - June 2002, Arlington, VA

- Designed and implemented a secure Linux-based network upon which 3 Federal government websites and network services are hosted.
  - Developed a security policy paper utilized by 2 Federal agencies.
  - Maintained and secured 100+ nodes.
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## PROJECTS

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### Published in O'Reilly & Assoc. "Spidering Hacks"

- I wrote an article and accompanying Perl code called "Finding Blogs" of interest that appeared on page 270 of "Spidering Hacks".

### Founder and Principal Developer, khaOS Linux

- khaOS Linux was a security-oriented distribution of the Linux operating system with a focus on cryptographic components and communications -- Recognized for achievement in an article in "Linux Journal", Issue 69, page 12, January 2000.
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## EDUCATION

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### Humanities

Chabot College • Hayward, CA • 1984

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## SKILLS

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BASH, Ruby, Python, C, PHP, JS, HTML, CSS, XML, JSON, Docker, Jenkins, MySQL, SQL, Linux, MacOS, Windows, Asterisk