

Nikolay Denev

Lead Site Reliability Engineer at ThousandEyes

ndenev@gmail.com

Summary

Network and System Engineer with many years of experience in Unix/Linux/BSD and Network Administration. Experience in planning, building and maintaining large scale server infrastructure and networks. Experience in building scalable and resilient to failure network infrastructures.

Specialties: FreeBSD, Networking/Firewalling/Routing/LoadBalancing

Languages: Python, Ruby, Perl, Rust, C, Go, Shell, Lua

Experience

Lead Site Reliability Engineer at ThousandEyes

January 2018 - Present

Leading ThousandEyes's UK SRE Team, responsible for

- * Container Cluster Infrastructure
- * Configuration Management
- * Caching and Search Services
- * Internal Public Key Infrastructure

Senior Site Reliability Engineer at ThousandEyes

February 2017 - Present

Cloud Engineer at William Hill

July 2016 - February 2017 (8 months)

System Engineer II at Amazon

March 2013 - July 2016 (3 years 5 months)

Systems Engineer in the Hardware Load Balancing team in Amazon Web Services.

- Supporting the hardware load balancer fleet and control plane software.
- Developing large scale automation for OS upgrades and configuration changes.
- Integrating support for F5 BigIP to the existing control plane software.
- Migrating tools and developing new ones using Citrix Netscaler NITRO API
- Contributed to the open source Nsnitro library adding support for new features: <https://github.com/favoretti/nsnitro>

- Worked on deploying and fine tuning L3 DSR for large internal customers.
- Deployed Netscaler policy based routing automation.
- Streamlining new software/control plane stack builds in new cluster deployments.
- Developing loadbalancer build automation.

Senior System and Network Administrator at Moneybookers / Skrill

October 2008 - February 2013 (4 years 5 months)

- * Built, managed and supported a large server and network infrastructure.
- * Built redundant corporate VPN solution to connect different offices and datacenters.
- * Deployed Puppet automatisation infrastructure.
- * Deployed 802.1x network infrastructure.
- * OpenVPN and Yubikekey/AD integration for two factor auth.
- * Led the centralized logging and statistics project.

System and Network Administrator

May 2002 - July 2008 (6 years 3 months)

Administering over 300 Linux servers running Web, MySQL, Email and other services in a shared hosting environment.

Maintenance of the networking infrastructure.

Hardware and software upgrades, network design and setup.

Head System and Network Administrator

2000 - 2002 (3 years)

Server and Router Installation and maintenance, including hardware repairs and upgrades.

Wrote software for traffic accounting for dial-up users.

PC Support Technician and System administrator

1999 - 2001 (3 years)

Education

Nov Bulgarski Universitet

CS, 2001 - 2007

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[Contact Nikolay on LinkedIn](#)