Alexander Fortin

Software Engineer

Contact Information:

- Contact: https://a.l3x.in/contact/
- GitHub: https://github.com/shaftoe
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- Download: /cv-alexander-fortin.pdf

Professional Experience

DevOps Engineer

Plato Inc. - San Josè (USA) / Remote

2021 - 2025

DevOps Engineer lead for AWS infrastructure. Led migrations: EC2 to ECS/Fargate, then to EKS. Implemented Infrastructure as Code with Terraform (AWS resources, DataDog, CloudFlare). Built CI/CD pipelines with CodePipeline and GitHub Actions. Implemented DataDog monitoring. Established DevOps best practices and mentored junior engineers.

Tech stack:

AWS, Golang, Terraform, Docker / Kubernetes (ECS/Fargate, EKS), PostgreSQL / Redis, CDNs (CloudFlare, CloudFront), CI/CD (AWS CodePipeline, GitHub Actions), DataDog

Freelancer

Special Circumstances Ltd - Remote

2017 - 2020

IT consulting: cloud migration, Infrastructure as Code, CI/CD pipelines, and system automation. Advised on web architectures, microservices design, network planning, and security solutions.

Senior System Engineer

Bonial International GmbH - Berlin (Germany)

2013 - 2016

Operations team lead at multinational publisher. Refactored Puppet codebase managing thousands of servers. Led cloud migration from Rackspace to AWS. Transitioned from self-managed infrastructure to cloud services using Terraform. Implemented internal Terraform orchestrator for CI/CD integration and IaC enforcement.

Tech stack:

AWS / Rackspace cloud, Debian GNU/Linux, Ganeti virtualization, Docker, Terraform, Puppet, Icinga, Apache web server, Tomcat/JVM, PostgreSQL, Python automation with Fabric and Boto libraries, Jenkins, Gerrit, Datadog, OpenLDAP, data confidentiality with LUKS

Senior System Engineer

Spreaker - Rimini (Italy) / Berlin (Germany)

2011 - 2013

Operations lead for AWS infrastructure. Transitioned config management from Bash to Puppet. Implemented monitoring with Zenoss Core and ELK stack. Enabled infrastructure to scale to 1+ million users.

Tech stack:

AWS, Puppet, Vagrant, PHP-FPM, Nginx, RabbitMQ, Sensu, Zenoss Core, Python automation with Fabric and Boto libraries, PostgreSQL, Redis, Graphite/Carbon, StatsD, Logstash, Elasticsearch, Kibana, MongoDB, SphinxSearch

Co-founder

Devsum - Brescia (Italy)

2010 - 2013

IT consulting: architected and expanded infrastructure for internal and customer systems. Led services and software deployments. Defined technical strategies and technology adoption decisions.

Tech stack:

GNU/Linux, FreeBSD, Puppet, vTiger CRM, Apache web server, Monit, Munin, OpenSSH, OpenVPN, Samba, firewalling with Iptables, BackupPC

System Administrator

Studio Synthesis Srl - Brescia (Italy)

2008 - 2010

Architected and deployed public/private cloud infrastructure for business intelligence. Monitored and managed local and on-site systems. Developed PHP modules for vTiger CRM.

Tech stack:

GNU/Linux, Windows Server, TrueCrypt, Iptables, PHP-FPM, vTigerCRM, Apache web server, Bind, Pentaho BI, Asterisk PBX

Junior System Administrator

Informed Technology Pty. Ltd - Perth (Western Australia)

2007 - 2008

Managed network infrastructure: backups/restores, new services and systems deployment, updates, corporate customer support, help desk for dial-up customers, rack/patch panel maintenance

Tech stack:

Solaris and Linux, OpenSSH, rsync, stunnel, Bacula, OpenLDAP, Iptables, Sendmail, Cyrus-IMAP, Apache web server, BIND

System Administrator (university stage)

Assyrus Srl - Brescia (Italy)

2004

Developed and deployed anti-spam system using Linux, Postfix, and Spamassassin

Tech stack:

Cisco, Firewalls, VPN, Network Security, Backup Solutions

Linux System Administrator

Turboden Srl - Brescia (Italy)

2004 - 2007

Designed and deployed Internet/Intranet email services. Improved security with a Linux-based firewall. Administered Linux servers across the network.

Tech stack:

Postfix, Dovecot, Spamassassin, Iptables, OpenSSH, OpenVPN

TV technician

Editoriale Teletutto Bresciasette Srl - Brescia (Italy)

1998 - 2007

Operated broadcast equipment: audio/video mixers, players, recorders, non-linear editing (Adobe Premiere, Sonic Foundry Vegas), on-air playlists software, switches, cameras, lighting, wireless microphones

Tech skills

• Software Development
• Linux System Administration
• Database Administration
• Cloud Computing
• DevSecOps
• Scalability & Container Orchestration
• Infrastructure as Code
• Configuration Management
• Monitoring & Observability
• CI/CD Pipelines
• Network Administration

Soft skills

• Technical Leadership
• Mentoring & Coaching
• Processes Optimization
• Technical Documentation
• Solution Oriented

Languages

- English (fluent)
- Italian (native)
- Spanish (fluent)
- German (basic)