

David Aizenberg, Software Engineer

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SUMMARY Software Engineer with a heavy focus on operations, hands-on approach and experience building robust and scalable systems

EXPERIENCE

[Consulting] SecurEdge Networks (Charlotte, NC, USA), Software Consultant 2020-04-01 — Present

- Development of software using NodeJS and Python
- Streamlining of deployment between environments using Docker containers
- E2E Testing using pytest, tavern and selenium
- Development of auxiliary utilities for support engineers, both CLI and Web based
- Authentication, Authorization and Accounting, 802.1X, EAP & RADIUS

"E-Farm" GmbH (Hamburg, Germany), DevOps Engineer 2018-01-31 — 2020-01-31

- Hybrid (On-Prem and Cloud) infrastructure maintenance
- Performance and Security notifications, log collection and analysis
- Isolated network Environments and encrypted tunnels between deployments
- Incident response & Reduced functionality failsafe applications
- Docker based CI/CD, Blue-green deployments, miscellaneous developer tooling and automation

"E-Farm" GmbH (Hamburg, Germany), Lead Developer 2016-02-01 — 2018-01-31

- Development and support of various internal applications, management of a remote team
- Introduction of modern software development practices into the team workflow [git, CI/CD, Testing, Developer Environments, PITR]
- Troubleshooting and performance profiling
- Single Source of Truth & Point of Entry API
- Breaking up of a monolith application into lean micro-service based architecture
- Speed up of time sensitive user interactions by utilizing message queues and stateless micro-services

UAB "JT Company" (Visaginas, Lithuania), System Administrator 2014-01-01 — 2014-12-31

- Deployment and maintenance of servers, personal computers and peripheral devices
- Maintenance, updates and assistance with Linux, Windows and Mac OS X workstations
- Deployment and maintenance of Linux Servers
- Planing and implementation of security protocols, firewalls, private networks, configuration of network equipment
- Component level electronics diagnostics and repair

SKILLS

System Administration: Software Management and Packaging, CI/CD and Configuration Management, Troubleshooting and Tracing, Containers and Orchestration, Load Balancing and Caching Proxies, Log and dump analysis, Cloud Computing, Networking, Scripting, Logging

Software Development: Software development, Front-End JavaScript, Security Topics, Version Control, Message Brokers, Maintenance of legacy code bases, Databases

LANGUAGES English (*Fluent*) , Russian (*Fluent*) , Lithuanian (*Advanced*)