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

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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 & Security notifications
- Log collection and analysis
- Docker based development and deployment
- Isolated network Environments and encrypted tunnels between deployments
- Incident response & Reduced functionality failsafe applications
- CI/CD & Misc automation
- Blue-green deployments

"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

"ADB" GmbH (Hamburg, Germany), Software Developer   2015-03-01 — 2015-08-01

- Development of Software as a Service product. Including choice of technology stack, platform, setting up infrastructure, and developing new features
- Full Stack Development of SaaS product with MEAN Stack and Meteor framework
- Code Reviews

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 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)*