Alexander Dumanskiy

Senior DevOps Engineer, TeamLead

Contact

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Professional Skills Summary

DevOps: CI/CD: GitLab, GiHhub, Orchestration: Ansible, Puppet, cloud-init;, Containerization: Docker, Compose, k18s, IaC: Terraform, Packer;, AWS, In-depth Linux knowledge: kernel, packages, scripting, network, security, etc;, OS: Debian/Ubuntu, RedHat/CentOS, Gentoo, SLES, CoreOS, Solaris, Windows Server

Coding: Distributed Systems, Java, C++, Python, Bash, PHP, Spring: Boot, MVC, Security;, Databases: Postgres, Mysql/Mariadb, Oracle, Cassandra;, RabbitMQ, Hibernate

Leadership: Lead and nurture teams, Long and short term planning, Work in diverse teams across the globe, Hire engineers and conduct job interviews

Other: Creating projects from scratch, Working with legacy code, Passion for learning new technologies, Result-oriented attitude

Work Experience

2019 to Present

Head of AnyLogic 9 & Cloud Development:

Manage a combined team of 20 developers, QA and DevOps engineers. Defining and perfecting product roadmaps in line with company business strategies.

- Instituted automated CI/CD cycle, bringing development and testing closer to production.
- Managed a versatile AWS-based infrastructure across multiple regions utilizing ES2, S3, Route53, and other Amazon service.
- Implemented loads of new features and bugfixes. Shipped new code and performed complex on-going refactoring of a legacy codebase.
- Provided daily assistance to team members in terms of Linux expertise, shell scripting, internal (GitHub, JIRA, Confluence, etc.) services management.
- Redefined code quality, infrastructure, and business values of the AnyLogic Cloud product, greatly improving customer acknowledgment and market success.
- Introduced an inter-project Gantt chart planning system to best deliver goals and a short-cycle feedback to stakeholders.
- Hired brilliant engineers and consolidated the team to improve development efficiency. Nurtured several developers into teams leaders.

2013 to 2019

Senior Software Engineer:

Supported multiple complex internal build systems. Introduced Docker into our project, containerized build and deploy staged. Performed design and development of a fault-tolerant distributed data storage system services in Java and C++, including high-load performance-oriented block level network IO service.

- Worked with Linux kernel in matters of block IO, networking, and security. Delivered simple patches for the file system driver.
- Supported a low-level service in C, working with hard drives via SATA and SMART to mitigate disk health issues.
- Maintained two internal Linux distributions – created services, packages, managed configuration, installation, recovery, etc.
- Solved a huge amount of customer escalations working on-call shifts in collaboration with Support team.
- Created and co-authored multiple software patents.

2006 to 2013

Head of System Administration Team:

- Built a comprehensive tech stack from scratch, including internal banking software, databases, and a huge variety of infrastructure services with a backbone built solely on Linux.
- Implemented an inexpensive and redundant HA virtualization cluster solution.
- Developed a terminal server for thin client workstations focused on cost-efficiency and security.
- Raised a team of System Engineers, polished internal work processes – user access management, system administration, backup and disaster recovery.
- Minimized downtime of all services, crafted a state-of-art solution that worked flawlessly for many years and passed multiple government audits.

EDUCATION

University of Management Technologies and Economics

- Specialist: *Finance and Credit*