Sergey Zhukov

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SUMMARY

Offering a wide berth of leadership experience, credentials and technical expertise in the areas of Continuous Integration and DevOps environments, as well as infrastructure and full stack highly distributed applications. Strongly emphasizing on containerization, security and governance (SoC/PCI/Fedramp) in addition to analytical/process driven methodologies for maximizing throughput in conjunction with uptime while driving down operating overhead and cost. Furthermore building elegant solutions in the Platform Engineering space.

SKILLS

- Full administration of fault tolerant highly available containerized envs with full CI/CD implementation.
- Daily administration of full AWS Stack focusing on containerization(EKS/ECS) (Linux/Windows)
- Monitoring/CI tools including Datadog, Cloudwatch, New Relic and Dynatrace
- Administration of RDS(MySQL and Postgres)/Kafka/Redis/AWS Lambda/ES
- Administration of all version control systems/CI-CD toolsets such as Jenkins, Git, and SVN, GH Actions
- Administration of network devices including Cisco, F5, Meraki, Velocloud SDWAN, Unifi, DNS.
- Extensive containerization experience, K8s, docker-compose, Elastic Container Service, Portainer
- Proficiency, Bash, Python, as well as Cloudformation/Terraform(Go).
- Strong written, verbal, communicational, leadership, analytical and interpersonal skills.
- Multilingual, speaking English, Russian, conversational Spanish.

PROFESSIONAL EXPERIENCE

04/2024 – current   **Booz Allen Hamilton**   *Washington, DC*
DevOps Engineer Lead/ DTDL

- Conduct daily standup meetings with product owners, engineers and various stakeholders.
- Responsible for a team of engineers from a people level, including maintenance schedule rotation, work assignments, etc.
- Maintain over 120 EKS based clusters managed with Flux/Helm/TF.
- Develop and deliver new features from requirements stage all the way to security approval in the Civil Sector of the U.S. Government public cloud ecosystem.
- Provide input/guidance on program roadmaps involving cloud computing for over 20 different clients.
- Troubleshoot, triage, and resolve issues related to both open source CI/CD tools(such as Jenkins) as well as Kubernetes on almost a daily basis.
- Provide input/guidance on program roadmaps ranging from security automation, storage all the way to serverless technologies(Lambda) in the cloud computing space for a portfolio of over 20 different clients.

09/2023 – 04/2024   **Sorenson Communications**   *Salt Lake City, UT*
Senior IT Cloud Infrastructure Engineer

- Design, architect, provision, and allocate underlying cloud infrastructure, big emphasis on network and security in a multi cloud environment setup.
- Oversee technical Infrastructure and Operations with a strong understanding of Azure and AWS networking technologies.
- Provide daily operations support and maintenance for network, telecommunications, server, cloud infrastructure and related information technology assets.
- Assist in developing strategies and solutions using current and emerging technologies.
- Handle troubleshooting production incidents and debugging across interconnected systems and at multiple layers (including network, systems, and application).
- Implement and optimize foundational platforms with the Cloud using Infrastructure-as-Code, Policy-as-Code and other automation to drive consistency, repeatability, sustainability, and auditability.
- Develop and establish processes, procedures, and automation to support patching & monitoring of cloud-based environments.
- Document and drive issues through resolution, escalating to stake holders, and IT management, as necessary. Other duties as assigned.

07/2019 – 06/2023   **Stadium Goods**   *New York, NY*

Senior DevOps Engineer/Lead

- Oversaw entire AWS perimeter, including cost governance/PoCs/security posture
- Implemented new technologies in forms of storage, compliance, infrastructure
- Owned/maintained full SoC Compliance of infrastructure
- Managed/mentored junior team members as well as external contractors daily
- Responsible for Platform Engineering endeavors with focus on team collaboration and observability
- Led and evangelized a full SCRUM/Agile methodology within the team
- Led pairing sessions with Code reviews/mentoring/performance reviews
- Carried out ownership of the entire tech stack from DevSecOps role to Team Lead reporting to CTO

11/2008 – 07/2019   **M. Shanken Communications**   *New York, NY*

Director of Web Operations

- Build/Monitor/Maintain cloud instances and environments in VMWare and Amazon Web Services.
- Manage/mentor junior sysadmin team members as well as engineering staff with a focus on best practices.
- Evangelize DevOps methodologies + toolsets (Docker/CI/CD/Metric Collection/KPI/Analytics)
- Manage all aspects of Windows Active Directory Domains, DNS, DHCP, and Group Policy as well as SSL and Industry standard PCI/DSS compliance.
- Configure/tune MySQL(AWS RDS), Application Load Balancers, Nginx/Tomcat/Apache, memcached, as well as PHP/Rails/Node based frameworks.
- Oversee and monitor the CI/Deployment pipelines and processes including Code review.
- Participate in the SDLC at an involved level between both technical and non-technical stakeholders.
- Initiate/Lead/Complete a full Web Stack migration to the Cloud of primary product sites reaching out to over 2,000,000 customers worldwide.
- Implement DevOps toolsets and process for company digital infrastructure.
- Employ operations/cost governance practices to lower monthly and yearly expenditures on hosting and IT related projects.

05/2003 – 11/2009   **Coffees and Creams LTD**   *Brooklyn, NY*

Shift Manager / Head Sales Associate

- Led a team of 5 employees in everyday business functions.
- Operated and balanced cash register and performed bank transactions.
- Maintained a detailed inventory and schedule of goods and services.
- Provided training for associates for new products/services.
- Enhanced customer base thru numerous strategic ad campaigns.
- Abetted in launch and sustainability of pilot co-branded establishment.
- Maintained close relationships with vendors and customers.

EDUCATION

2004 – 2009   **Baruch College, CUNY**   *New York, NY*

Zicklin School of Business

Degree: Bachelors of Business Administration in Computer Information Systems. Minor: History.

In Progress: Studying to obtain CKA