Suiunbek Isaev

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PROFILE SUMMARY

Highly skilled AWS Infrastructure Engineer with extensive experience in fintech environments. Expertise in designing, implementing, and managing cloud-native solutions using AWS and other cutting-edge technologies. Adept at automating infrastructure, enhancing system performance, and ensuring seamless operational workflows. Proven ability to collaborate with cross-functional teams to deliver robust, scalable, and secure infrastructure solutions.

TECHNICAL SKILLS

- **Cloud Platforms:** *AWS (EC2, S3, Lambda, VPC, ALB, Cloud Watch, SNS, SQS, Secret Manager, Security Group, IAM etc)*
- **Container Technologies:** *Docker, Kubernetes*
- **Infrastructure as Code:** *Terraform, Terraform Enterprise*
- **CI/CD:** *Jenkins, Git, GitHub*

- **Configuration Management:** *Ansible, Ansible Automation Platform*
- **Programming/Scripting:** *Python, Bash*
- **Monitoring & Workflow:** *Cloud Watch, Data Dog, Airflow, ServiceNow*
- **Operating Systems:** *Linux (Ubuntu, CentOS, Red Hat), Windows*
- **Project Management:** *Jira*
- **Version Control:** *Git, GitHub*

WORK EXPERIENCE

Cloud Infrastructure Engineer   **Mar 2020 – Present**

Discover Financial Service

- Develop and maintain Infrastructure as Code (IaC) using Terraform and Terraform Enterprise.
- Containerize applications using Docker and manage orchestration with Kubernetes, OpenShift.
- Implement CI/CD pipelines using Jenkins, Git, and Ansible, Ansible Automation Platform ensuring smooth application delivery.
- Monitor and troubleshoot cloud infrastructure using CloudWatch, Data Dag and other logging tools.
- Automate workflows and schedule tasks using Apache Airflow.
- Collaborate with development and operations teams to ensure seamless deployment of new features and updates.
- Manage incident resolution and service requests via ServiceNow and Jira.
- Conduct regular performance testing, cost optimization, and security audits of cloud environments.
- Designed and implemented secure, fault-tolerant AWS architectures tailored to fintech applications.
- Automated repetitive tasks using Python and Bash scripting, reducing manual effort and error rates.
- Migrated legacy systems to AWS, ensuring zero downtime and enhanced reliability.

DevOps Engineer   **Mar 2020 – October 2020**

- Deploy infrastructure using git, terraform, and ansible on AWS platform. Managing storage, monitoring, and deployment automation while continually enhancing DevOps tools, processes, and procedures.
- Maintain up-time and quick turnaround of deployment through development and optimization of infrastructure, server, deployment strategies
- Automate deployment of applications, system configurations, and security settings in AWS cloud based environment while implementing integrations, updates, and fixes. Set up and managing Linux servers on AWS using EC2, EBS, Security Groups, VPC, IAM, S3, ELB, Road 53.
- Improve customer experience by building, deploying, and scaling applications on virtual infrastructure, swiftly investigating and resolving technical issues
- Develop automation and deployment utilities using Bash, Python. Also Write scripts on Python and Bash for prometheus custom checks.
- Implement Docker on the QA, integration, production environments, and work on Docker images and containers.
- Collaborate with developers to enhance stability and scalability while prioritizing requests from operations, development and product teams.
- Work with developers to ensure new environments both meet their requirements and conformed to industry-standard best practices.

Platform Engineer (PAAS)   **Aug 2017 - January 2020**

IPsoft

- Responsible for ensuring maximum uptimes and performance of PaaS offering – IPcenter Platform
- Performs incident management by picking up monitoring alerts, investigating and resolving or escalating the alerts as needed.
- Resolves tickets received via ticketing system, emails and phone calls within a limited time frame to meet Service Level Agreement.
- Modifies and creates effective monitoring measures as needed for the platform.
- Performs problem management techniques in resolving long term issues with the function, performance, or availability of the
- platform.
- Identifies and escalates any bugs found in Platform applications to the Service tech and R&D teams.
- Develop Standard Operating Procedures (SOPs) for the IPsoft team in maintaining the Platform and responding to specific
- alerts and incidents.
- Automates SOPs to remediate Linux and Windows tasks automatically without any human interference
- Creates Bash and Python scripts to perform daily tasks and use cron to automate them.
- Set up log rotation using logrotate for Linux systems to rotate, copy-truncate and compress logs.
- Patch Linux Systems and Platfom specific applications.
- Supports Nagios servers and in-house built Nagios engines to ensure effective monitoring of the systems
- Investigates and performs root cause analysis on production servers and escalate as needed..

Linux Engineer   **Mar 2015 - Aug 2017**

IPsoft

- Provided adequate support to clients with Linux servers running different business applications in a large scaled environment.
- Responded, tracked and escalated system incidents on all Unix systems.
- Performed system patch deployments and hardware maintenance, including the installation and upgraded packages as needed on RHEL, Scientific Linux and CentOS systems.
- Monitored system performance via sar, vmstat, iostat, netstat, and top.
- Added and monitored the deployment of Configuration Items such as CIs – hosts, devices, and more to nagios monitoring.
- Automated daily system administration tasks using bash and python scripts
- Created Standard operating procedures (SOP) to Linux problems and automated them using in-house built tool Automation Designer.

- Successfully developed and implemented configuration changes to the servers towards resolving any escalated issues
- Utilized NetBackup as an Enterprise backup solution for clients to ensure systems are being backed up, added, removed and modified
- users in NIS per client request

IT/LAN Engineer   **Jun 2008 - Sep 2014**

UNDP (United Nation Development Program)

- Responsible for installation, upgrading, configuration, administration, and troubleshooting of Hardware, Linux and Windows system and Network cabling.
- Performed troubleshooting analysis and identified system failures; correlated events to determine point of failure of hardware and/or applications; provided recommendations, oversaw network issues, notified parties of problems resolved in a timely manner.
- Performed daily jobs, handling tickets, monitoring, troubleshooting and maintenance effectively to meet the requirements of the clients. Supported fundamental technologies such as DNS, FTP, SMTP, LDAP, SSH, NFS, TCP, UDP, IP, DHCP, and Active Directory.
- Performed Disk management using LVM (Logical Volume Manager), adding storage, increasing and decreasing the file system in RHEL.
- Created new users, groups and setup their home directories and appropriate access restrictions to software in the Active Directory environment and NIS domains.

EDUCATION

Bachelor's Degree in Computer science   2000 - 2005

CERTIFICATION

HashiCorp Certified: Terraform Associate (003) | Credential ID 3e535ee8-a1ff-4137-bf56-1cfcced92b4e
AWS Certified DevOps Engineer – Professional | Credential ID d73a1647-42a7-41aa-9949-99bbe796ff04
Google cloud certified associate cloud engineer | Credential ID 7adcacf5-0d38-4294-95c8-5c1f2402bfb1
Certified Kubernetes Administrator | Credential ID LF-jqf1whbx9j
The AWS Certified Advanced Networking - Specialty | Credential ID DT6QTPKLCME412WV
AWS Certified Solutions Architect – Associate | Validation Number JCK7RPFCHM14Q45Q
RED HAT CERTIFIED ENGINEER | License 160-112-041
RED HAT CERTIFIED SYSTEM ADMINISTRATOR | License 160-112-041
Docker Certified Associate