Designation: DevOps Engineer

About Us

Alt (https://www.altinvest.ai/) is a tech-enabled alternative investment platform that provides individual investors direct access to institutional quality alternative assets. Alt is a Series-B funded tech company backed by investors like Westbridge Capital, Lightspeed, Beenext and Pravega Ventures.

Alt pioneered the fractional investment platform model in India in 2015 through **Property Share** by allowing users direct access to institutional grade office assets with c. 8-10% in-place yields and c. 15-18% unleveraged IRRs. When the sector was regulated in Mar'24, Property Share became the FIRST platform to receive the Small and Medium REIT license from SEBI paving the way for a fully regulated and revolutionary new asset class it had pioneered. On 10th Dec, 2024, Property Share created history by listing PropShare Platina, India's 1st SM REIT on the Bombay Stock Exchange.

Alt has offices in Mumbai, Bangalore and London and provides investors access to a diverse range of alternatives including private real estate in India and UK, public real estate in the US, Canada, UK and India through listed REITs, Cat II AIFs, Portfolio Management Services and an LRS fund out of GIFT City. With 400,000+ users and more than $250 million in assets under management, Alt is using technology in providing ground breaking access to alternative assets to individual investors.

We are seeking a talented DevOps Engineer with expertise in the technical skills outlined in the provided document. Below are the updated responsibilities and qualifications tailored to this role.

<u>Responsibilities:</u>

- Design, deploy, and manage scalable AWS infrastructure utilizing services such as EC2, S3, RDS, Lambda, CloudFormation, IAM, VPC, Load Balancers, and Auto Scaling.

- Build and maintain robust CI/CD pipelines using Jenkins and AWS CodePipeline to streamline development and deployment processes.

- Implement and manage configuration management tools, including Ansible, Chef, and Puppet, to ensure system consistency and automation.

- Deploy and orchestrate containerized applications using Docker, Kubernetes, and Amazon ECS.

- Maintain and administer version control systems, primarily Git and GitHub.

- Develop and manage Infrastructure as Code (IaC) solutions using Terraform to automate provisioning and resource management.

- Write and maintain automation scripts in Python, Bash, and PowerShell to support operational workflows.

- Configure and manage networking components such as VPCs, subnets, security groups, and Route 53 for DNS management.

- Implement and oversee monitoring and logging solutions using AWS CloudWatch, the ELK Stack (Elasticsearch, Logstash, Kibana), and Prometheus.

- Administer various operating systems, including Linux, Ubuntu, and Windows, ensuring optimal performance and security.

- Configure and manage web servers, including Apache Tomcat and Nginx, for application hosting and performance optimization.

Criteria:

- Proven hands-on experience with a broad range of AWS services, including EC2, S3, RDS, Lambda, CloudFormation, IAM, VPC, Load Balancers, and Auto Scaling.

- Proficient in implementing and managing CI/CD pipelines using tools like Jenkins and AWS CodePipeline.

- Strong background in configuration management with tools such as Ansible, Chef, and Puppet.

- In-depth knowledge and practical experience with containerization and orchestration technologies, including Docker, Kubernetes, and Amazon ECS.

- Skilled in version control systems, particularly Git and GitHub.

- Extensive experience in developing and managing Infrastructure as Code (IaC) using Terraform.

- Advanced scripting abilities in Python, Bash, and PowerShell for automation and system management.

- Solid understanding of networking fundamentals and hands-on experience configuring VPCs, subnets, security groups, and DNS management with Route 53.

- Familiarity with monitoring and logging tools such as AWS CloudWatch, ELK Stack (Elasticsearch, Logstash, Kibana), and Prometheus.

- Experience managing and troubleshooting across multiple operating systems, including Linux, Ubuntu, and Windows.

- Competency in configuring and administering web servers such as Apache Tomcat and Nginx.

Technical Skills
The following are the expected technical skills for this role.

Skill Category	Specific Technologies
Cloud Platform	AWS (EC2, S3, RDS, Lambda, CloudFormation, load balancing, auto scaling, IAM, VPC)
CI/CD Tools	Jenkins, AWS CodePipeline
Configuration Management	Ansible, Chef, Puppet
Containers & Orchestration	Docker, Kubernetes, Amazon ECS
Version Control	Git, GitHub
Infrastructure as Code	Terraform
Scripting Languages	Python, Bash, PowerShell
Networking	VPC, Subnets, Security Groups, Route 53
Monitoring & Logging	AWS CloudWatch, ELK Stack, Prometheus
Operating System	Linux, Ubuntu, Windows
Web Server	ApacheTomcat, Nginx