

Abhishek Kumar

DevOps Engineer (AWS Certified Solutions Architect – Associate)

✉ Email: abhitech013@gmail.com | 📞 +91 7838633650

🌐 LinkedIn: <https://www.linkedin.com/in/abhishek-kumar-a2442a222>

Professional Summary

DevOps Engineer with 9 years of IT experience, including 5 years specializing in DevOps practices such as AWS, automation, and CI/CD. Expertise in building scalable and reliable systems, optimizing costs, and driving innovation in dynamic environments.

Skills

- Cloud Platforms: AWS (EC2, S3, Lambda, RDS, Cloud Watch, Elastic Beanstalk, Vpc, Cloudformt, Batch)
- CI/CD Tools: Jenkins
- Version Control: GitLab, Bitbucket
- Containerization & Orchestration: Docker, Kubemetes
- Configuration Management: Ansible, Chef, AWS Cloud Formation, Terraform
- Monitoring & Logging: Nagios, ELK Stack (Elastic search, Log stash, Kibana)
- Databases: MySQL, MongoDB, Redis
- Web Servers: Apache, Nginx
- Scripting: Shell Scripting, Python
- Messaging Systems: RabbitMQ
- Other Technologies: LAMP Stack

Professional Experience

DevOps Engineer

Mobiotics IT Solution Pvt Ltd (Nov 2022 – Present)

- Designed and implemented scalable and reliable AWS-based infrastructure tailored to dynamic operational environments, achieving high customer satisfaction.
- Conducted resource utilization analysis, reducing container resource costs by 15% while maintaining performance and stability.
- Automated CI/CD pipelines using Jenkins, significantly minimizing deployment errors and increasing release efficiency.
- Built automated workflows, security policies, and developer guidelines for cloud environments using Terraform and AWS Cloud Formation.
- Managed Docker and Kubemetes environments on ECS, addressing networking bottlenecks and enhancing overall system stability.
- Deployed AWS Lambda applications, achieving a 30% cost reduction and a 20% improvement in application performance.
- Seamlessly migrated multiple on-premises applications to AWS, ensuring a reliable transition with 99.9% uptime.
- Enhanced system observability by implementing proactive monitoring solutions with Nagios and establishing robust alert systems.
- Developed Shell and Python scripts to automate tasks such as backups, environment setup, and data manipulation, reducing manual workload.

DevOps Engineer

Elite Mindz Pvt Ltd (Oct 2021 – Aug 2022)

- Automated build and deployment processes, enabling faster and more reliable software releases while reducing manual intervention.
- Managed source code repositories using Git, GitLab, and GitHub, streamlining collaboration and ensuring code integrity.
- Designed and implemented Jenkins pipelines for CI/CD automation, significantly reducing manual errors and enhancing release efficiency.
- Leveraged Ansible for configuration management, improving the speed and reliability of infrastructure provisioning and application deployments.
- Built and maintained scalable and secure AWS infrastructure, including VPCs, EC2 instances, S3 buckets, RDS databases, and Route53 configurations, to support enterprise applications.
- Set up Cloud Watch alerts integrated with Auto Scaling, enabling proactive resource management and ensuring system performance during demand fluctuations.
- Developed and deployed shell scripts for tasks like health checks and backups, enhancing system reliability and reducing downtime.

Linux System Administrator / DevOps Engineer

KVIT Solutions Pvt. Ltd. (Jan 2018 – Jun 2021)

- Managed source code repositories using Git and GitLab, effectively resolving branch conflicts and improving team collaboration and workflow efficiency.
- Built and maintained CI/CD pipelines using Jenkins to enable automated and reliable application deployments, reducing time-to-market.
- Configured and maintained Docker containers to streamline application deployment, ensuring consistency across environments and simplifying maintenance.
- Implemented and managed monitoring systems with Nagios, ensuring high availability and quick incident detection for critical services.
- Configured and managed Linux-based systems, including Red Hat and CentOS environments, ensuring optimal performance and security.
- Maintained databases on AWS RDS, optimized storage using EBS, and managed backups with S3 snapshots to ensure data integrity and availability.

Electrical Trainer

Sigma Web Solutions Pvt. Ltd. (Jan 2017 – Jan 2018)

- Delivered comprehensive theoretical and practical training to LM, JLM, and SBO trainees, fostering their technical and operational skills.
- Conducted workshops on health and safety protocols specific to power-related work, promoting a culture of safety and compliance.
- Oversaw training center operations, ensuring adherence to hygiene and safety standards while maintaining an effective learning environment.

Linux System Administrator

KVIT Solutions Pvt. Ltd. (Apr 2015 – Jan 2017)

- Administered user accounts, permissions, and web servers, ensuring secure and efficient system access and management.
- Developed and deployed shell scripts to automate health checks and backups, improving reliability and reducing manual effort.

- Installed, configured, and maintained essential services, including LVM, DNS, DHCP, and Samba, to support business operations.
- Monitored system resources and logs, proactively scheduling backups and restores to maintain system performance and data integrity.
- Troubleshoot and resolved issues on live production Linux servers, ensuring minimal downtime and optimal system availability.

Certifications

- **AWS** Certified Solutions Architect – Associate
- NSDC Certificate: TOT for CEMT, DLM, LMC, TH in PSSC
- Automation Training: Diploma of Industrial Automation Engineer

Education:

Sr.No	Qualification	Board/ University	Year
1	B.E	N.M.U	2011
2	HSC	B.I.E.C.	2004
3	SSC	B.S.E.B.	2002

Declaration

“I hereby declare that the information provided above is accurate and true to the best of my knowledge.”

Abhishek Kumar

