

Ankush

DevOps Engineer

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SUMMARY

Dedicated DevOps Engineer with over 2 years of experience in automating, scaling, and managing infrastructure. Specializes in building efficient CI/CD pipelines using GitHub Actions and GitLab to speed up software delivery. Foundational experience with cloud platforms (AWS, Azure) and containerization tools (Docker, Kubernetes) within Linux environments. Passionate about streamlining deployments, reducing manual effort, and improving overall system reliability through continuous automation.

EXPERIENCE

DevOps Engineer — Master Software Solutions

02/2025 – Present | Mohali

- **Web Infrastructure & Reverse Proxy Administration:** managed high-performance LAMP/LEMP stacks and deployed multiple websites on AWS; configured Apache Virtual Hosts, reverse proxies (ProxyPass), SSL/TLS (Let's Encrypt/Certbot), and HTTP-to-HTTPS redirects.
- **CI/CD Pipeline & Deployment Automation:** architected and maintained automated CI/CD pipelines using GitHub Actions and GitLab CI/CD (including managing GitLab Runners); automated multi-environment (dev/staging/prod) deployments using SSH, rsync, Bash scripting, and Linux package management.
- **On-Premises Virtualization:** leveraged VMware ESXi for enterprise-grade virtualization, performing advanced resource allocation, system snapshots, and VM cloning to support rapid infrastructure scaling.
- **Database Management & PHP Integration:** installed and administered MySQL/MariaDB databases, ensuring seamless integration of PHP modules (including PHP-FPM) to support scalable, secure dynamic web applications.
- **Containerization & Version Control:** enforced Git source control best practices, resolved complex merge conflicts, and used Docker and Docker Compose for containerized application deployment workflows.
- **Systems & Network Troubleshooting:** collaborated with development teams to resolve system bottlenecks and deployment failures; troubleshooted Apache, WordPress, DNS, SSL/TLS, and backend connectivity issues.
- **Network Security Engineering:** configured and maintained Sophos Firewall solutions, including secure Site-to-Site VPNs and robust traffic monitoring rules.
- **Azure Cloud Support:** provided technical support for virtualized environments on Microsoft Azure, focusing on system health monitoring, high availability, and performance optimization for testing systems.
- **Internal Operations & Zoho Admin:** streamlined internal business workflows by administering Zoho applications (Mail, Desk, and CRM), managing user access, and troubleshooting technical issues.

DevOps Engineer — Mysense Technologies Pvt. Ltd

07/2023 – 08/2024 | Mohali

- **WP Engine Administration:** managed end-to-end WordPress ecosystems on WP Engine, overseeing production and staging environments, automated backup schedules, and security patching to ensure maximum system uptime.
- **CI/CD Automation:** engineered robust CI/CD pipelines via GitHub Actions, automating build, test, and deployment cycles to accelerate releases and minimize manual intervention.
- **Azure Cloud Operations:** deployed and managed scalable applications using Azure Web Apps, utilizing deployment slots (Staging vs. Production) to enable zero-downtime updates and seamless testing.
- **Infrastructure Scaling:** implemented dynamic scaling strategies (Scale-up and Scale-out) on Azure to optimize application performance during high-traffic periods while maintaining cost-efficiency.
- **Security & Encryption:** managed complex custom domain configurations and SSL/TLS certificate lifecycles across Azure and WP Engine platforms to maintain high-grade data encryption and security.

- Access Control Management: administered user roles and secure SFTP/FTP access protocols, ensuring secure deployment operations and controlled access for development teams.
- DevOps Collaboration & Git Flow: championed Git-based version control workflows, including complex merge conflict resolution and peer-reviewed pull requests, to ensure code quality and team synchronization.
- Application Monitoring: monitored application health and performance metrics, proactively identifying bottlenecks and implementing fixes to enhance overall user experience.

IT Intern — Boom In Technologies

09/2022 – 11/2022 | Nakodar

- Cross-Platform Troubleshooting: diagnosed and resolved hardware, software, and connectivity issues across both Windows and Linux environments, ensuring minimal downtime for staff and daily operations.
- System Maintenance & Security: performed critical system maintenance tasks, including OS patching, software updates, and antivirus management, to safeguard workstations against security vulnerabilities.
- End-User Technical Support: provided comprehensive technical assistance for desktops, laptops, and peripheral devices, resolving application-level issues to improve employee productivity.
- Infrastructure Monitoring: used basic system monitoring tools to track health and performance metrics, generating detailed reports to identify potential hardware or network bottlenecks.
- Workstation Deployment: participated in the full lifecycle of new workstation setups, including OS installation, custom software configuration, and user profile migration.
- IT Asset Management: assisted in tracking hardware and software inventory, maintaining accurate records to support resource allocation and internal audits.

EDUCATION

RHCSA

Cbitss | 04/2022 – 07/2022 | Chandigarh

Bachelor of Computer Applications

Guru Nanak Dev University | 04/2012 – 03/2016

SKILLS

Version control systems (Git) · GitHub · GitLab · Linux · Networking · macOS · Windows · WP Engine · Scripting (Bash) · Containerization (Docker, Kubernetes) · Terraform

LANGUAGES

English · Hindi · Punjabi