

PRAJNA RAI

Software Engineer DevOps

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PROFESSIONAL SUMMARY

Software Engineer DevOps with 4+ years of experience in DevOps, full-stack development, CI/CD automation, and cloud infrastructure management. Proficient in AWS, Azure, Docker, Kubernetes, Jenkins, and Terraform, with expertise in implementing scalable, secure, and efficient solutions. Skilled at bridging development and operations to enhance deployment reliability and speed.

EDUCATION

KVG College of Engineering,

2019

Bachelor of Engineering - Information Science & Engineering

WORK EXPERIENCE

Remunance Services Pvt Ltd,

12/2024 – Present | Bangalore

DevOps Engineer - AWS & CI/CD Automation

Responsibilities:

- Designed and maintained end-to-end CI/CD pipelines using Jenkins, Git, Maven, and Docker for automated build, test, and deployment workflows.
- Provisioned and managed AWS infrastructure using Terraform, including EC2, S3, RDS, IAM, and VPC components, following Infrastructure as Code (IaC) principles.
- Deployed containerized applications on Kubernetes, implementing rolling updates and self-healing with readiness/liveness probes.
- Created custom VPC architectures with public/private subnets, NAT Gateways, Internet Gateways, and Security Groups.
- Integrated Trivy for vulnerability scanning in CI pipelines to ensure secure Docker images.
- Monitored system health and metrics using Prometheus, Grafana, and AWS CloudWatch; created dashboards and alerts for proactive troubleshooting.
- Managed IAM roles, policies, and MFA, and implemented least privilege access controls.

AscentHR Technologies Pvt Ltd, Software Engineer

06/2023 – 07/2024 | Bangalore

- Developed and optimized web applications using Laravel, Vue.js, and MySQL.
- Improved backend performance through query and logic optimization.
- Managed client-specific customizations and release processes.
- Provided production support and deployment documentation.

Invenger Technologies Pvt Ltd, Software Engineer | DevOps

06/2020 – 06/2023 | Mangalore

- Provisioned EC2 instances and related infrastructure on AWS using Terraform for multiple application deployments.
- Built and maintained CI/CD pipelines with GitLab CI, AWS CodePipeline, and CodeDeploy.
- Collaborated with developers to enforce Git branching strategies and version control workflows using GitLab and AWS CodeCommit.

- Enhanced application and data security by managing PGP keys for encrypted file transfers to US-based financial institutions.
- Automated manual operational tasks to improve team efficiency and reduce turnaround times.
- Monitored logs and metrics using AWS CloudWatch, Elasticsearch, Prometheus, and Grafana for real-time insights and incident response.
- Provided on-call support and conducted root cause analysis (RCA) for production issues.

TECHNICAL SKILLS

Cloud & DevOps — AWS (EC2, S3, RDS, VPC, IAM, CloudWatch), Terraform, Jenkins, Docker, Kubernetes, **CI/CD & Automation** — Jenkins Pipelines, GitLab CI, GitHub Actions, Maven, Trivy, **Scripting & OS** — Bash, Groovy (Jenkins), Linux Shell Scripting, **Programming** — PHP, Laravel, Vue.js, REST APIs, **Monitoring & Logging** — Prometheus, Grafana, AWS CloudWatch, Elasticsearch, **Version Control** — Git, GitLab, GitHub, AWS CodeCommit, **Databases** — MySQL, **Methodologies** — Agile, SDLC

PROJECTS

AWS & DevOps Projects

- Built CI/CD pipelines integrating Jenkins, Git, Maven, and Docker.
- Provisioned AWS infra using Terraform and deployed Kubernetes workloads.
- Designed custom AWS VPCs with subnets, NAT gateways, and security groups.
- Monitored workloads with Prometheus, Grafana, and CloudWatch.
- Managed IAM policies, MFA, and access controls.

StoHrm Portal

- Developed an HRIS portal with complete employee lifecycle & payroll management.
- Built Separation & Local Commute Allowance modules with workflow automation.

CRM Application

- Built a property tax calculation web app with Laravel and Vue.js, improving user experience and workflows.