SOUVIK PAUL

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EDUCATION

TECHNO INDIA UNIVERSITY – Kolkata, West Bengal
B. Tech in Computer Science Engineering

TECHNICAL SKILLS

AWS Services: EC2, RDS**,** S3, SQS, SNS, ECS, ECR, EKS, VPC, Load Balancers, Autoscaling, CloudWatch, Lambda, API Gateway, DynamoDB**,** Route 53, Elastic Beanstalk, Event Bridge
CI/CD Tool: Jenkins, AWS Code Pipeline, GitLab CI/CD
Infrastructure as Code: Terraform, CloudFormation, Ansible
Programming Languages: Python, Shell Scripting
Micro Service & Orchestration: Docker, Kubernetes, Helm
Monitoring Tool: Prometheus, Grafana, New Relic, Data Dog

EXPERIENCE

TOOLJET SOLUTIONS PVT. LTD. – Bengaluru, Karnataka, India
Multi-Cloud Deployment Engineer | Remote

[Sep 2024 - Present]

- **Managed deployments across multi-cloud environments**, including **Azure** (AKS, Kubernetes), **GCP** (Cloud Run), and **DigitalOcean** (Droplets), ensuring seamless infrastructure scalability and reliability.
- Led migration of production deployment from GCP to Azure, optimizing performance, cost, and operational efficiency.
- **Implemented Terraform IaC** for automated deployments across diverse cloud platforms, reducing manual provisioning time by **70%**.
- Developed and maintained **GitHub Actions-based** CI/CD pipelines, streamlining software delivery and deployment automation.
- Successfully deployed **Neeto infrastructure on Render**, enhancing deployment flexibility and reducing operational overhead.
- Provided **premium customer support**, assisting in setting up **Tooljet** in complex enterprise environments with custom configurations.

TECH 2 MATES – Kolkata, West Bengal, India
AWS DevOps Engineer – Freelance

[Mar 2023 – Aug 2024]

- Developed infrastructure as code using **Terraform, CloudFormation,** and **Ansible** leading to a **75%** reduction in deployment time and ensuring efficient, reproducible deployments.
- Skilled in setting up and maintaining CI/CD pipelines using **Jenkins, AWS Code Pipeline, and GitLab CI/CD** ensuring efficient and automated software delivery processes
- Proficiently managed AWS cloud services including **IAM, VPC, EC2, S3, ASG, ALB, RDS, Route53, CloudWatch, CloudFront, Lambda, CloudFormation, EKS, ECR, SQS, SNS, and Secret Manager.**
- Managed and maintained Kubernetes clusters on **EKS**, optimizing performance, scalability, and reliability of containerized applications, achieving **99.5%** uptime.
- Implemented monitoring and logging solutions using **Prometheus, Grafana** increasing visibility and enabling proactive issue resolution by **50%**.

PROJECTS

- Created a robust CI/CD pipeline leveraging **Docker, Jenkins, and Kubernetes**, integrated with monitoring using **Prometheus, Grafana**, and **Argo CD** for seamless application deployment, with email notifications and security scanning using **SonarQube** and **Trivy**
- Deployed **Three-Tier** Web Application using ReactJS, NodeJS, and MongoDB on **AWS EKS**.
- Designed and implemented **Terraform** infrastructure as code for a **scalable** and **highly available** architecture on **AWS**. Orchestrated deployment across **multiple environments and AWS accounts** seamlessly using **Gitlab CI CD** pipelines, ensuring robustness and flexibility in cloud deployments

- Deployed **WordPress application** into AWS **EKS** and set up a **Jenkins CI/CD** pipeline for it

CERTIFICATIONS

- **AWS Certified:** Solutions Architect - Associate
- **HashiCorp Certified:** Terraform Associate (003)