

SHUBHAM MOURYA

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Professional Summary:

- DevOps/Cloud Engineer with extensive experience across AWS and Google Cloud platforms, specializing in infrastructure automation, network configuration, and cloud-native services.
- Expertise in AWS services (EC2, VPC, S3, IAM, ELB, CloudFormation) and GCP services (K8s, GCR, Terraform), with hands-on experience in optimizing cloud infrastructure to reduce costs and improve scalability.
- Proven ability to lead projects as both a Product Manager and Cloud Engineer, delivering solutions for complex network configurations, CI/CD pipeline automation, and multi-environment cloud deployments.

Achievements:

- Successfully reduced a client's AWS bill by approximately 50-55%, resulting in annual savings of about \$28,000 through infrastructure optimization using CloudFormation and AWS SAM.
- Received the Kudos Award in August 2023 for troubleshooting and resolving Cloud & Infrastructure problems in over 15 projects within a two-month period.
- Created and managed more than 30 CI/CD pipelines across various applications in our organization. For six-plus projects, managed end-to-end infrastructure design and deployment using AWS services, including CloudFormation, SAM, and Terraform.
- Achieved AWS SAA certification-C02

Technical Skills:

- **Cloud Platforms:** AWS, GCP
- **IaC Tools:** Terraform, CloudFormation, AWS SAM
- **CI/CD:** GitHub Actions, AWS CodePipeline
- **Networking:** VPC Peering, WireGuard, Wireshark
- **Containerization:** Docker, Kubernetes
- **Programming:** Python, Bash, C++
- **Version Control:** GitHub, GitLab
- **Security & Monitoring:** IAM, CloudWatch, Grafana, Prometheus

Work Experience:

YorkIE (Ahmedabad)

Senior Cloud Engineer (August 2021 - Present)

- Built and managed AWS infrastructure for various projects using CloudFormation, Terraform, and Jenkins for deployment automation.
- Utilized Dockerization with GitHub Actions to automate the build and deployment of services onto Kubernetes clusters.
- Led 'Quantum Xchange' project, configuring VPC peering and network tunnels across AWS regions using WireGuard.
- Deployed microservices using Helm in a Kubernetes environment for enhanced scalability and management.
- Implemented monitoring solutions using **Prometheus** for metrics collection and **Grafana** for visualizing system performance and alerts.
- Integrated **Better Stack** services for uptime monitoring and improving incident response in a production environment.

AAI (Ahmedabad)

Computer Operator / Network Auditor (June 2021 - July 2021)

- Managed network devices, ensuring their proper configuration and security.
- Audited the security policies of service companies, ensuring compliance with regulatory standards.

elInfochips (Ahmedabad)

Software Engineer (July 2015 - April 2017)

- Integrated the AllJoyn framework in the IoT-based iControl project, improving interoperability across devices.
- Developed functionalities in C++ for the CISCO IPICS project, Utilized Wireshark for network diagnostics and VMware to manage multiple virtual environments on a single physical server.

Education:

KITRC, GTU

Bachelor of Engineering in Computer Science,
Aug 2011 to June 2015, Ahmedabad

Languages:

- English
- Hindi

Hobbies & Interests:

- Table Tennis, Foosball
- Reading
- Calisthenics, fitness training