



# ABISHEK A S

Senior DevOps Engineer

+44 7909434595

abishek@mallow-tech.com

<https://www.linkedin.com/in/abishekas/>

Apartment 7, Alexandra house, Rutland Street, Leicester, UK - LE1 1SE

## EDUCATION

Bachelor of Information Technology  
PSG College of Technology 2015-2019

## EXPERTISE

Amazon Web Services  
Terraform  
Docker  
Kubernetes  
Elastic Container Service  
RDS  
Cloudwatch, Prometheus  
Jenkins, ArgoCD  
Linux  
Jira, Trello

## CERTIFICATIONS



## LANGUAGE

English - Fluent (Both Verbal & Written)

## ABOUT ME

As a seasoned Senior DevOps Engineer, I bring over 5 years of expertise in constructing and overseeing AWS cloud infrastructure, and I'm an AWS Solution Architect Associate. I focus on fine-tuning systems for optimal performance, High Availability, and cost efficiency. I possess a track record of deploying over 20 applications successfully across various platforms such as AWS, GCP, Digital Ocean, and Hetzner. My background spans diverse industries including cab services, advertising, event tracking, data scraping, data warehousing, and healthcare.

## WORK EXPERIENCE



Mallow Technologies Private Limited

<https://mallow-tech.com/>



### Senior DevOps Engineer: June 2019 - Present

- Designed and deployed 20+ applications on AWS, GCP, and Hetzner.
- Configured and managed large applications through Terraform.
- Managed a high-volume online cab booking service with peak traffic surges (around 15000 requests per minute during our regular working hours)
- Refactored a big monolith application into multiple microservices using Docker and migrated them from AWS to GCP's Google Kubernetes Engine without downtime.
- Configured a highly available, fault-tolerant, and secure application on Hetzner Cloud with a self-managed Kubernetes environment.
- Built robust, fault-tolerant CI/CD pipelines for Web & Mobile applications.
- Implemented Strict Security measures with Best practices. (Private VPCs, Restricted Security Groups, IAM roles, Session Manager for SSH access, and the enforcement of least privilege IAM policies, AWS Config, SSL, WAF, NACL, etc)
- Worked closely with the Developers and Stakeholders (including non-technical people) to address their needs and communicated the risks and implications of the choices.
- Built monitoring dashboards for developers and stakeholders.
- Collaborated with Lead Developers, and stakeholders through Jira, Slack, Teams, Bitbucket, GitHub, etc. to provide robust solutions to suit business needs.
- I have created detailed documentation for the architecture diagram, deployment process, infrastructure setup, and configuration details.

## TECHNICAL SKILLS

<b>AWS</b>	ECS, EKS, RDS, EC2, S3, Lambda, API Gateway, Cognito, DynamoDB, EventBridge, SES, SNS, Amplify, Route53, Config, etc.
<b>Infrastructure as Code</b>	Terraform, CloudFormation, CDK
<b>Frameworks</b>	Ruby on Rails, Laravel, NodeJS, Symfony, Magento, FastAPI, Django, Flutter, SwiftUI, Kotlin
<b>Containerization</b>	Docker, Colima
<b>Monitoring</b>	ELK Stack, CloudWatch, PagerDuty, Prometheus, Grafana, X-Ray, Newrelic etc
<b>CI/CD</b>	CodePipeline, CodeBuild, CodeDeploy, Jenkins, ArgoCD, GitLab CI/CD, BitBucket Pipelines, Kamal
<b>Databases</b>	MySQL, Postgres, DynamoDB, Redis, ClickHouse
<b>Machine Learning</b>	AWS Sagemaker
<b>Data Analytics</b>	Kinesis, Redshift, Kafka, PowerBI Datagateway
<b>Security</b>	AWS Well architected Framework, IAM, Zap, AWS WAF, KMS, SSM
<b>Web Servers</b>	Nginx, Apache
<b>Operating Systems</b>	Linux, MacOS
<b>Cloud Providers</b>	AWS, GCP, Hetzner, Digital Ocean
<b>Performance Testing</b>	Jmeter
<b>Script / Programming Languages</b>	Bash, Python, C, C++
<b>Other Tools</b>	Jira, Trello, Git, BitBucket, Sourcetree, Github etc.