Prathiksha Devadiga

Associate DevOps / Cloud Engineer

✉ prathikshaa991@gmail.com 📞 8971897321 📍 Udupi in prathiksha-devadiga ⊙ prathikshaud28

Professional Summary

Aspiring Cloud and DevOps Engineer with 4 years of experience at **Tata Consultancy Services**, supporting fibre network projects for **British Telecom Openreach**. Skilled in AWS, CI/CD pipelines, automation, and Linux, with hands-on experience in Terraform, Docker, Kubernetes, and Jenkins, along with strong networking and troubleshooting expertise. Currently expanding knowledge in **Microsoft Azure** and advanced DevOps practices, seeking an entry-level Cloud/DevOps role to apply cloud and infrastructure skills.

Technical Skills

Cloud & Infrastructure: AWS (EC2, S3, RDS, VPC, IAM, Route53, CloudWatch, Lambda), Microsoft Azure *(currently learning)*

DevOps & CI/CD: Jenkins, Git, GitHub Actions, AWS CodePipeline, Code Build, Code Deploy

Containers & Orchestration: Docker, Kubernetes (basic deployments and orchestration fundamentals)

Scripting & Automation: Shell scripting, Groovy (Jenkins pipelines), cron jobs, EC2 user data scripts

Monitoring & Logging: AWS CloudWatch, Grafana (basic), log rotation, alerting

Networking & Security: VPC architecture, subnets, route tables, NAT gateways, security groups ,DNS (Route 53)

Operating Systems & Web Servers: Linux (Ubuntu, Amazon Linux), Apache, Nginx

Other Tools: Excel (advanced formulas, VBA), ArcGIS,Static website hosting using Amazon S3 and Route 53

Professional Experience

Network Planning Engineer, *Tata Consultancy Services (TCS)*　　　　06/2021 – 09/2025 │ Bangalore
Client: British Telecom – Openreach
Role: Designer / Network Fibre Planner
- Managed end-to-end fibre network planning and design (FTTP / FTTH / FTTX) ensuring high-quality deliverables
- Designed CBT network layouts using **ORION** and **PIPER**, and prepared As-Built, Node Split, and New-Build plans
- Ensured compliance with **BT design standards** through design reviews, QC checks, and validation processes
- Coordinated with clients and stakeholders for design clarifications, updates, and approvals
- Supported **effort estimation, cost analysis, and product planning** activities
- Implemented process improvements that reduced rework and improved planning accuracy and delivery timelines
- Provided technical support to team members and collaborated with cross-functional teams for successful project delivery

Projects

AWS Infrastructure Automation using Terraform (Hands-on Project)
Tools: AWS (EC2, VPC, Security Groups), Terraform, Linux, NGINX
- Designed and provisioned AWS infrastructure using Terraform, including VPC, public subnet, Internet Gateway, and route tables
- Automated EC2 instance creation and NGINX installation using cloud-init user data scripts
- Configured security groups to securely allow SSH (22) and HTTP (80) access
- Implemented Infrastructure as Code (IaC) for repeatable, version-controlled, and consistent deployments
- Deployed and validated NGINX web server by accessing the application through the EC2 public IP

CI/CD Pipeline Automation for Django Application on AWS (Hands-on Project)
Tools: AWS (EC2), Jenkins, Docker, Docker Hub, Kubernetes, Git, GitHub, Linux, Python, Django

- Supported and maintained a **CI/CD pipeline**, diagnosing build and deployment failures
- Analyzed Jenkins logs to resolve pipeline and configuration issues
- Containerized applications using Docker and supported deployments on Kubernetes
- Improved deployment reliability and reduced manual intervention through automation

Certificates

AWS Solutions Architect (Micro Degree Skilling Institute (2025))

DevOps Engineer (Micro Degree Skilling Institute (2026))

Awards & Recognition

Service & Commitment Award – TCS (June 2024)
Recognized for 3 years of dedicated service and consistent performance

Star of the Month – TCS (March, May, December 2024)
Awarded multiple times for outstanding contributions, dedication, and leadership

Certificate of Appreciation – TCS (January 2024)
Recognized for energy, enthusiasm, and positive impact on team performance

Xcelerate Warrior Recognition – TCS(July 2023)
Honored for growth potential and commitment to career development

Education

Bachelor of Computer Applications(BCA),   06/2017 – 12/2020 | Udupi
Mahatma Gandhi Memorial College Udupi