

# ARAVIND YOGESHWARAN P

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## PROFILE

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Cloud & DevOps Engineer with over 3 years of experience delivering scalable, automated, and secure cloud solutions. Proven expertise in optimizing infrastructure performance, streamlining deployments, and enhancing system reliability through automation and CI/CD practices. Adept at collaborating across teams to drive cloud migrations, infrastructure modernization, and cost efficiency in multi-cloud environments (AWS & Azure).

## CORE COMPETENCIES

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Cloud Infrastructure | CI/CD Automation | Infrastructure as Code (IaC) | Docker & Kubernetes | Monitoring & Logging | Linux Administration | Cost Optimization | Security & Compliance | GEN AI & LLM | RAG | Machine Learning

## SKILLS

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- Cloud: AWS (EC2, S3, IAM, VPC, Route 53, CloudFront, CloudFormation), Azure (VMs, VNet, Storage, NSG, AD, Monitor, ARM Templates).
- DevOps: Terraform, Ansible, Jenkins, Git, GitHub Actions, Docker, Kubernetes, Shell Scripting.
- CI/CD & Automation: Jenkins, Azure DevOps, IaC, Configuration Management.
- Monitoring: CloudWatch, Azure Monitor, Log Analytics.
- OS: Linux (Ubuntu, CentOS), Windows Server.

## WORK EXPERIENCE

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### Tata Consultancy Services: Cloud & DevOps Engineer

July 2022 – Present

- Designed, deployed, and managed cloud infrastructure across AWS and Azure, including EC2, S3, RDS, VMs, VNets, Load Balancers, and Network Security Groups (NSGs). Developed CI/CD pipelines and automated deployments using Jenkins, Terraform, Ansible, Docker, and Docker Swarm.
- Automated environment provisioning and configuration using Terraform, Ansible, and CloudFormation, ensuring consistent and repeatable deployments.
- Built and maintained CI/CD pipelines using Jenkins and Azure DevOps, enabling faster and reliable application delivery.
- Containerized and orchestrated applications using Docker, Docker Swarm and Kubernetes to enhance scalability and resource efficiency.
- Implemented monitoring, logging, and alerting with CloudWatch, Azure Monitor, and Log Analytics to ensure system reliability and performance visibility.
- Optimized cloud resources for cost efficiency, security compliance, and high availability across multiple environments.
- Collaborated with development, security, and operations teams to support application deployments, cloud migrations, and infrastructure modernization projects.

## PROJECTS

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- Azure Cloud Migration – Migrated 90+ on-prem apps to Azure; ensured 99.9% uptime, reduced costs by 20%.
- Cloud Infra Automation – Automated environment builds with Terraform, CloudFormation for faster provisioning.
- CI/CD Implementation – Built Jenkins and Azure DevOps based pipelines for containerized workloads, improving release reliability
- Built an AI-driven cloud cost optimization platform and an ML-based churn prediction & retention system

## CERTIFICATIONS

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- Microsoft Certified: Azure Fundamentals | Azure Administrator Associate | DevOps Engineer Expert
- Amazon Web Services: AWS Solution Architect - Associate

## EDUCATION

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**Government Engineering College** || Salem, India  
*B.E. Electrical and Electronics Engineering, CGPA: 8.6*

August 2018 – June 2022