Joe Saji George

DevOps Engineer

Phone: +61 401 482 464 | Email: sajigeorge.joe@gmail.com
Location: Sydney, NSW 2113 | Open to Relocation
Website: heyjoehere.com | LinkedIn: linkedin.com/in/joe-saji-george | GitHub: github.com/joesajigeorge

PROFESSIONAL SUMMARY

DevOps Engineer with 7+ years of experience designing and implementing scalable CI/CD pipelines, cloud-native infrastructure, and automated deployment solutions. Skilled in managing enterprise-grade cloud environments (AWS, Azure), Kubernetes clusters, and Infrastructure as Code using Terraform and Ansible. Proven success in collaborating with global clients on telecom, cloud migration, and cost optimization projects. Currently employed in Australia under a 482 TSS visa. Open to employer-sponsored opportunities and relocation. Ready to contribute from day one.

SKILLS

Cloud Platforms: AWS, Microsoft Azure

CI/CD Tools: Jenkins, GitLab Pipelines, Azure DevOps, GitHub Actions, ArgoCD

Containerization & Orchestration: Kubernetes, Docker, Helm, Rancher, Docker Compose

Infrastructure as Code (IaC): Terraform, AWS CloudFormation, Serverless Framework, Ansible

Monitoring & Logging: Grafana, Prometheus, New Relic

Code Quality & Static Analysis: SonarQube

Artifact & Repository Management: Nexus

Programming Languages: Python, Node.js, Shell Scripting, PowerShell

Version Control: Git, GitHub, GitLab

WORK EXPERIENCE

Senior Associate Consultant, Infosys Ltd — *Sydney, Australia – June 2024 – Present*

- **CI/CD Management:** Managed CI/CD pipelines using **GitLab** and **ArgoCD** for continuous deployment automation, ensuring streamlined, reliable software releases.
- **Kubernetes Management:** Managed Kubernetes applications using Rancher, providing efficient orchestration, monitoring, and maintenance to support scalable and reliable deployments.
- **Automation & Troubleshooting:** Administered and troubleshot **Ansible** playbooks, optimizing workflows with **Ansible Tower** and the **Ansible Automation Platform**.
- **Monitoring & Visualization:** Developed **Grafana** panels and integrated **Prometheus** for monitoring application health and performance, enabling proactive issue resolution.
- **Root Cause Analysis & Incident Management:** Led incident response and root cause analysis to ensure swift resolution of critical production issues, preventing future occurrences.

Senior Associate Consultant, Infosys Ltd — *Thiruvananthapuram, India – November 2021 – June 2024*

- **Application Migration & Cloud Architecture:** Led the re-platforming and re-architecture of applications from on-premises to **AWS** cloud, leveraging **AWS SAM** for backend deployments.
- **CI/CD Optimization:** Automated **CI/CD pipelines** using **Jenkins** and provisioned infrastructure with **Terraform** and **CloudFormation** for consistent environment management.
- **Cloud Cost Optimization:** Achieved cloud cost efficiency through detailed usage tracking, forecasting, and resource optimization, resulting in a 30% reduction in operational expenses.
- **Production Support & Reliability:** Collaborated with developers to address and resolve production issues quickly, ensuring continuous system reliability.
- **Serverless Implementation:** Converted data pipelines to serverless applications using **AWS Lambda** and **AWS Glue**, enhancing scalability and cost efficiency.

DevOps Engineer, Cabot Technology Solutions — *Ernakulam, India – June 2018 – November 2021*

- Implemented scalable applications on Azure and AWS, orchestrating containerized services using AKS and EKS.
- Developed CI/CD pipelines with Jenkins and Azure DevOps for automated deployment.
- Enhanced system reliability through container orchestration, monitoring, and serverless applications.

PROJECTS

DevOps Engineer for Leading Australia-Based Telecom Client – June 2024 – Present
- Managed continuous integration with GitLab pipelines and continuous deployment using GitOps with ArgoCD to ensure reliable and automated software releases.
- Managed Kubernetes applications using Rancher, providing efficient orchestration, monitoring, and maintenance to support scalable and reliable deployments.
- Administered and troubleshot Ansible playbooks while overseeing Ansible Tower and the Ansible Automation Platform to enhance automation workflows.
- Monitored application health and performance using Grafana and Prometheus, creating and maintaining Grafana panels for comprehensive visualization and proactive issue resolution.
- Handled critical production issues with proactive incident response and thorough root cause analysis, ensuring swift resolution and preventing recurrence.

DevOps Engineer for Leading UK-Based Telecom Client – November 2023 – June 2024
- Migrated application to AWS Cloud: Led the re-platforming and re-architecture of an application from on-premises infrastructure to AWS Cloud, leveraging AWS SAM for backend microservice deployments.
- Automated CI/CD and Infrastructure Provisioning: Implemented streamlined application deployment pipelines using Jenkins and automated infrastructure provisioning with Terraform and CloudFormation, ensuring consistent environments.
- Optimized Cloud Costs: Achieved cost efficiency in cloud environments through detailed usage tracking, budget forecasting, and targeted resource optimization efforts.
- Production Support and Root Cause Analysis: Collaborated with developers to quickly troubleshoot production issues while focusing on root cause analysis to prevent future occurrences.

DevOps Engineer for Leading Australia-Based Telecom Client – November 2021 – November 2023
- Enhanced system reliability and operational efficiency:

- - - Orchestrated containerized applications using Elastic Kubernetes Service (EKS).
  - ○ Implemented monitoring using New Relic.
  - ○ Created Jenkins pipelines for continuous integration and deployment (CI/CD).
- Reduced operational costs by 30% through:
  - ○ Implementing taint and toleration to consolidate lower environments.
  - ○ Automating resource cleanup with scheduled Jenkins pipelines.
  - ○ Converting AWS data pipelines to serverless AWS Lambda functions and AWS Glue jobs.

DevOps Engineer for Other Projects – June 2018 – November 2021

- **Cloud Infrastructure & Deployment:** Set up and manage applications in both **Azure** and **AWS** for production and non-production environments.
- **Containerization:** Orchestrated containerized applications using **Azure Kubernetes Service (AKS)** and **AWS Elastic Kubernetes Service (EKS)**.
- **Serverless Framework:** Deployed and managed serverless applications using **Serverless Framework** in **AWS**.
- **CI/CD Implementation:** Implemented streamlined application deployment pipelines using **Azure DevOps** and **Jenkins**, while automating infrastructure provisioning with **Terraform** and **Azure ARM**.
- **Database Management:** Managed and administered **PostgreSQL** and **MySQL** database servers, ensuring high availability and performance.

EDUCATION

B-Tech, Bachelor of Computer Science and Engineering | June 2014 – May 2018
Saintgits College Of Engineering, India

CERTIFICATIONS

- **AWS Certified Developer Associate** | Amazon Web Services | *November 2018*
- **Microsoft Certified Azure Fundamentals** | Microsoft | *July 2020*
- **AWS Certified Cloud Practitioner** | Amazon Web Services | *January 2022*
- **AWS Certified DevOps Engineer – Professional** – *In Progress (Target: 2025)*

LANGUAGES

- **English (Fluent)**
- **Malayalam (Native)**

VISA AND MOBILITY

Citizenship: India

Current Visa: Australia – 482 TSS

Open to: Relocation & Visa Sponsorship (including employer nomination transfer)