



JOJI JOHN

DEVOPS TECH LEAD/NET SOLUTION ARCHITECT

CONTACTS

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Thiruvananthapuram, India

KEY ACHIEVEMENTS

Project Coordination

Collaborated as a key team member to coordinate and support the successful delivery of complex projects, meeting client expectations and business objectives.

Infrastructure Scalability

Played a key role in scaling microservices infrastructure on Azure, improving deployment speed, reliability, and system resilience across multiple environments.

SKILLS

API Gateway · Service Mesh ·
Microservices · Kong · Istio · Linkerd ·
A/B Testing · Azure Cloud ·
Azure DevOps · Github Actions · GKE ·
Kubernetes · GCP · GitHub · Docker ·
NET Core · IIS · Jenkins · OWASP ·
Sonar · Terraform · Virtual Machines ·
AWS · Serverless · AWS Lambda ·
DynamoDb · Plesk · ERP

CERTIFICATION

Kong Gateway Foundations

Kong Developer

Kong Gateway Operations

SUMMARY

I am a seasoned DevOps Technical Lead with around 18 years of industry experience—over 5 years specializing in DevOps and the rest in backend development and support. My expertise lies in architecting and managing complex, microservices-based systems, primarily on cloud platforms like Microsoft Azure. With a solid foundation in CI/CD automation, Kubernetes orchestration, and cloud infrastructure, I help organizations build scalable, secure, and high-performing solutions.

In addition to hands-on DevOps implementation, I bring a strong architectural mindset to backend system design—particularly within the .NET ecosystem. I am well-equipped to serve as a Solution Architect for complex, microservices-based applications, ensuring that backend services are robust, scalable, and aligned with business goals. My focus is on delivering efficient, maintainable solutions that drive digital transformation and enhance customer experience.

EXPERIENCE

Lenks.ai

UAE

Solutions Architect/Part Time

08/2025

AI-powered virtual meeting platform that enhances productivity by turning conversations into actionable outcomes with smart summaries and collaboration tools.

- Architecting and preparing cloud infrastructure for Lenks, a next-gen video calling platform. Designing and implementing microservices-based architectures on Google Cloud (GCP) with GKE Autopilot, ensuring scalability, high availability, and cost efficiency. Automating infrastructure provisioning and configuration with Terraform and Helm, enabling reproducible and consistent deployments. Securing and managing API traffic with Kong and enhancing service-to-service communication with Linkerd for reliability and observability. Implementing Prometheus and OpenTelemetry (OTEL) for monitoring, tracing, and performance optimization across distributed microservices. Collaborating with engineering teams to define best practices for CI/CD pipelines, release management, and cloud-native observability.

DBiz.ai

Kochi, Kerala, India

DevOps Tech Lead

04/2024 - 07/2025

Leading provider of software solutions for various industries

- Design, deploy, and manage microservices architectures using Azure DevOps, AKS and automate CI/CD processes for microservices using Azure Pipelines, ensuring consistent and reliable builds, tests, and deployments

CERTIFICATION

Kong Mesh Foundations

Kong Gateway Operations

Kong Mesh Operations

Microsoft Certified: Azure Administrator Associate

Microsoft Certified Expert: Azure Solution Architect (Simplilearn)

EDUCATION

St. Mary's Matriculation Higher Secondary School

Secondary School Certificate (SSLC)

St. Mary's Matriculation Higher Secondary School

HSC, Mathematics and Computer Science

Anna University

B.E.Computer Science and Engineering

INTERESTS

- **Designing and scaling cloud-native, microservices-based applications**
- **Passionate about creating lightweight apps and database utilities to boost developer productivity.**

EXPERIENCE

DBiz.ai

Kochi, Kerala, India

Senior DevOps Engineer

05/2022 - 03/2024

Leading provider of software solutions for various industries

- Optimized Kubernetes workloads on **Azure Kubernetes Service (AKS)** by defining efficient manifests, implementing resource limits, autoscaling, and integrating robust monitoring for performance and uptime
- Utilized **Istio Service Mesh** for sophisticated traffic management, enabling A/B testing, canary releases, and enhancing microservices resilience, observability, and fault tolerance
- Designed and implemented scalable **API management** solutions using **Kong Gateway**, including plugin configuration, authentication strategies, and secure access control for microservices

H&R Block

Thiruvananthapuram, Kerala, India

DevOps Engineer

04/2021 - 02/2022

Software, tax preparation services

- Provision Azure Cloud Infrastructure components like App Service, ASP, ASE, Application Gateway, NSGs using Terraform Enterprise and Azure pipelines
- Experience with AWS services like S3, Lambda, EC2, DynamoDB, etc
- Create and maintain fully automated CI/CD pipelines for code deployment using Jenkins and PowerShell for on-premise application deployment
- Write docker files for containers in platforms like .NET Core Angular for the development team
- Experience in Git, GitHub, Jenkins/Scripted pipelines, Docker, Azure Boards, Terraform Enterprise

ARS Traffic & Transport Technology

03/2020 - 03/2021

DevOps Engineer

Traffic management and transport technology services

- Create and maintain fully automated CI/CD pipelines for code deployment using Jenkins and PowerShell for on-premise application deployment
- Build and release pipelines for platforms like .NET Core Angular for the development team
- Integrated SonarQube for static code analysis
- OWASP implemented in Jenkins pipeline for active and passive scanning for binaries as well as front-end technologies

TechVantage Analytics

Thiruvananthapuram, Kerala, India

Team Lead

12/2014 - 02/2020

IT consulting and analytics

- Oversaw the team's daily operations, ensuring smooth execution of tasks and alignment with project timelines.
- Defined clear team goals and established measurable KPIs to drive accountability, performance, and continuous improvement.
- Contributed to the successful launch of a domain-specific product initiative tailored for the **insurance sector in Indonesia**, involving significant backend and architectural contributions.
- Setup virtual machines, IIS configuration, virtual host/Plesk, SSL integration
- Involve in DevOps automation processes for build and deploying systems for monolithic applications
- Responsible for sprint sessions as a scrum master for 6 months for a project (planning sessions, iterations, retrospectives, demos, etc.) to ensure execution of deliverables



EXPERIENCE

TechVantage Analytics

Thiruvananthapuram
, Kerala, India

Senior Software Engineer

09/2011 - 11/2014

IT consulting and analytics

- Played a key role in analyzing user requirements and translating business needs into robust technical solutions.
- Actively participated in sprint planning, deployments, and release cycles as part of agile product engineering teams.
- Developed and maintained backend components using **.NET**, **SQL Server**, and **PostgreSQL**.
- Worked on cloud-based features leveraging **AWS Serverless** architecture, including **Lambda** and **DynamoDB** for scalable microservice components.
- Collaborated closely with project managers, designers, and cross-functional stakeholders to align delivery with business objectives.

Samtronics Data Products Ltd

Thiruvananthapuram
, Kerala, India

Technical Support Engineer

09/2006 - 08/2011

Data products and ERP services

- Provide Support and Training to ERP Users
- Collect and Analyze user requirements
- Developed NET Modules and SQL Stored procedures
- Maintain the company's eLearning Portal with ERP related documentation
- Conduct training to Users in small and medium enterprises