Ravi Vadera

https://itsravi.io | ravivadera@outlook.com | Tampere, Finland

Professional Summary

Dynamic and results-driven professional with more than 11 years of experience as a software engineer. Expertise and hands-on proficiency in cloud orchestration, cloud-native architectures, and microservices development. Adept at provisioning and managing complex multi-cloud, multi-region cloud environments for developing distributed systems. Proven ability to architect, develop, and deploy mission-critical cloud solutions from conception to completion. Strong collaborator and mentor, with a track record of leading cross-functional teams.

Skills

Cloud and Infrastructure: AWS, Azure, Terraform, Pulumi, Docker, Kubernetes, ArgoCD, Istio
Microservices and Architecture: Event-driven, Domain-driven design, NestJS, Dapr, NATS
DevOps and CI / CD: GitHub Actions, GitLab CI, GitOps, Release Management
Software Development: Node.js, TypeScript, .NET Core, C#
Databases: PostgreSQL, SQL Server, MongoDB

Work Experience

Cloud Software Development Engineer | Intel Corporation – Tampere, FI | February 2022 – Present

o Designed and developed cloud-native applications on AWS and Kubernetes ensuring resilient, highly available microservices with auto-scaling and self-healing capabilities improving system reliability by 98%
o Automated cloud infrastructure provisioning and deployments with Pulumi and ArgoCD, adopting a GitOps-driven approach for declarative and version-controlled deployments with progressive delivery strategy reducing manual deployment efforts by 96%
o Implemented microservices networking with Istio service mesh and ingress gateway, optimizing service discovery, routing, and security
o Enhanced observability by integrating Loki, Grafana, and Mimir stack, enabling centralized logging, real-time alerting, and system diagnostics across distributed services resulting in improved incident response times
o Optimized event-driven architecture using NATS as a high-performance message broker, ensuring low-latency, reliability, and real-time async communication between services
o Built and scaled CI / CD pipelines from ground-up to automate testing, security scans, and deployments maximizing development velocity
o Established release versioning and management strategy, employing semantic versioning, and immutable deployments to ensure traceable, predictable, and zero-downtime releases
o Fortified cloud architecture design from proof-of-concept to production-ready deployments, successfully achieving SOC2 compliance aligning with security, reliability, and scalability best practices
o Collaborated with cross-functional teams to ensure seamless integration across solution

Additional Relevant Experience

Co-founder and CTO | Eccelor Systems – Gujarat, IN | March 2015 – March 2021

o   Led project ownership, overseeing project planning, task management, and coordinating cross-functional teams in a fast-paced environment, managing software engineers, designers, and product stakeholders to deliver high-impact software solutions

Android Developer | Simform Solutions – Gujarat, IN | September 2014 – March 2015

o   Designed and developed Android applications for enterprise domain, integrating location services, navigation, maps, camera APIs, and push notifications to deliver feature-rich mobile experiences

Mobile Application Developer | Indies Services – Gujarat, IN | June 2013 – September 2014

o   Developed Android, iOS, and Windows Phone applications, including a support and ticketing system, asset tracking platform, and cloud-based file storage solution

Education

Master of Science (Technology) | August 2021 – Pursuing
Tampere University – Tampere, FI
Specialization – Computing Sciences (Software, Web & Cloud)

Bachelor of Engineering | August 2009 – May 2013
Gujarat Technological University – Gujarat, IN
Specialization – Computer Engineering