

Deepaklal K B | Infrastructure Engineer & DevOps | Kubernetes & Azure

Bangalore, Karnataka

☎ +91 8547580055 • ✉ deepaklalkb@gmail.com • 🌐 deepaklal.online
in linkedin.com/in/deepaklalkb • Azure AZ-104 | Azure AZ-500 | CompTIA Linux+

Profile

Infrastructure engineer and DevOps professional with end-to-end ownership across middleware, cloud, and platform engineering. Proven track record in leading technical teams, driving cloud modernization, and delivering resilient banking platforms on Azure and on-prem. Skilled in microservices migration, system integration, DR strategy, and security operations, with a strong focus on observability, performance, and automation. Adept at collaborating with stakeholders and cross-functional teams to ship secure, scalable, and high-performance systems.

Skills & Expertise

Cloud & Infra: Azure (IaaS, PaaS, Sentinel, ASR), WHM, cPanel; Ubuntu, RHEL, Kali Linux

Microservices & Containers: Docker, Kubernetes, OpenShift

DevSecOps: Jenkins, GitLab, SonarQube, Trivy, Dependency Track; DR drill planning

Middleware & Web: JBoss, WebSphere, WebLogic, Tomcat; Apache HTTPD, IHS, OHS, JBCS; mod_jk, proxy, proxy_balancer, mod_cluster

Databases: MySQL, Oracle 12c/19c, MSSQL, PostgreSQL 16

Monitoring & Perf: Elasticsearch, Kibana, FluentD, Grafana, Wireshark, NMON, Glowroot, AppDynamics, Instana, Dynatrace; JMeter, Apache benchmarking; Java heap/thread dump analysis

Security: Burp Suite, Azure Monitor, Kali Linux tools

Project & Leadership: Project planning, Team leadership, System integration, Communication skills

Scripting: Shell, PowerShell

Experience

Bangalore, India

Oct 2019 – Present

I-Exceed Technology Solutions

Project Leader

- Led end-to-end implementation of the Appzillon banking framework for clients including CAGL, Bandhan, UCBL, Canara, Equitas, Bank Islam, BofA, Al-Mashraf, NBF, and CBol ensuring stable, secure, and compliant platform rollouts.
- Managed and mentored a cross-functional team of 11 across Middleware, Cloud, DevOps, and Application Security, improving delivery quality and operational maturity.
- Owned Azure administration for multiple environments, covering migration strategies, capacity planning, performance tuning, and cost optimization using native Azure services.
- Drove microservices adoption using Kubernetes and OpenShift, modernizing applications running on monolithic architectures and improving scalability and resilience.
- Designed and implemented CI/CD and DevSecOps pipelines in Jenkins (Master & Master-Slave models), integrating GitLab, SonarQube, Trivy, and Dependency Track to enforce code quality and security gates.
- Led AppSec and performance war rooms using tools such as JMeter, AppDynamics, Instana, and Dynatrace to identify, prioritize, and resolve vulnerabilities and performance bottlenecks.
- Architected and tested Disaster Recovery (DR) setups across on-premises and Azure environments, aligning RPO/RTO objectives with business continuity requirements.
- Spearheaded Appzillon migration from monolith to microservices, with a strong focus on property externalization and configuration management using Helm, OpenShift, and VMware Tanzu, enabling consistent and automated deployments.
- Led Azure ASR and SOC implementation for a European bank, integrating Azure Sentinel and ASR to strengthen DR and security posture, achieving stringent RPO/RTO targets and receiving formal client appreciation.

Bangalore, India**Apr 2019 – Oct 2019***Mashreq Global Services**Senior Analyst*

- Maintained and enhanced Appzillon-based banking applications using Java, JavaScript, and Oracle, ensuring stability, availability, and regulatory compliance.
- Administered WebLogic application servers and Oracle databases, troubleshooting middleware issues and optimizing application performance and resource usage.
- Supported the RM Mobility platform for internal banking users, collaborating with cross-functional teams to resolve production incidents and improve user experience.

Bangalore, India**Jul 2018 – Apr 2019***DXC Technologies**Technology Consultant*

- Managed the IPPB project using JBoss and WebLogic application servers on Linux, ensuring high availability and smooth integration with backend services.
- Performed system and load testing with JMeter, analysing results to identify performance bottlenecks and recommend tuning improvements.
- Led the end-to-end DevOps enablement for Finacle scripting, designing deployment automation and CI/CD workflows from scratch to streamline releases and reduce manual effort.

Bangalore, India**Apr 2017 – Mar 2018***Sagezza India Pvt Ltd**Technical Representative*

- Provided L2/L3 technical support for Finacle, handling incident analysis, configuration changes, and environment stability for banking customers.
- Designed, tested, and maintained custom extensions and integrations around Finacle using scripting and application server configurations.
- Managed deployment and monitoring activities across test and production environments, coordinating with infrastructure and operations teams to resolve issues quickly.

Kerala, India**Sep 2014 – Nov 2015***KMCT College of Engineering**Assistant Professor*

- Taught Computer Science subjects and mentored students on programming fundamentals and industry-oriented skills.
- Supported placement initiatives and industry collaboration, helping align academic learning with practical technology trends.
- Prepared technical documentation and guided student projects involving Java, JavaScript, and Oracle-based applications.

Kerala, India**Dec 2011 – Aug 2012***Quadra Software Systems**Database Admin & Programmer*

- Developed ASP.NET-based modules for the NEON construction ERP system, integrating business logic with backend databases.
- Administered relational databases, supporting query optimization, backup routines, and data integrity in production environments.
- Performed unit and integration testing to ensure reliability and consistency of ERP modules before deployment.

Key Achievements

Reduced disaster recovery (DR) drill execution time by approximately 75% by automating Azure ASR failover and post-failover validation.

Improved service availability and resilience by modernizing monolithic applications into a microservices architecture running on Kubernetes and OpenShift.

Independently designed and deployed JBoss (master-slave), Apache HTTPD, and MySQL infrastructure under tight timelines for multiple banking clients across India and Bangladesh.

Education

Kerala, India**Jan 2014***KMCT College of Engineering**Master of Technology***Tamil Nadu, India****Jan 2011***Dr. Pauls Engineering College**Bachelor of Engineering*

Languages

Malayalam, English, Hindi, Tamil