

# SANJEEV KUMAR BADRINATH

[linkedin.com/in/sanjeevkumar-badrinath](https://www.linkedin.com/in/sanjeevkumar-badrinath)

sanjeevkumarrao@gmail.com

+61-470350214

*Australian Citizen*

## PROFESSIONAL SUMMARY

Senior DevOps Engineer and Platform Architect with 16+ years of experience in cloud infrastructure, automation, and full-stack development. Expert in designing and implementing cloud-native solutions with recent focus on AI/ML infrastructure. Proven track record in leading complex platform migrations, architecting scalable solutions, and driving innovation across enterprise environments.

**CORE COMPETENCIES:** Cloud Platform Architecture & Migration, DevOps & Infrastructure Automation, AI/ML Infrastructure Management, API Platform Design & Implementation, Team Leadership & Cross-functional Collaboration, Continuous Integration/Deployment (CI/CD).

## TECHNICAL EXPERTISE

**Cloud & Infrastructure:** AWS, GCP, Kubernetes, Docker, Kong Konnect, Kong Enterprise, Terraform, Terragrunt, CloudFormation, Auth0, OKTA, Identity Management, VMware, OpenShift.

**Dev & Automation:** Python, Ruby, Shell, Powershell, React, NextJS, AngularJS, Chef framework, Jenkins, GitHub Actions, SAP S4/HANA, NodeJS, Packer, Vagrant.

**Monitoring & Tools:** Splunk, Dynatrace, AppDynamics, SumoLogic, Atlassian Suite, RabbitMQ.

**Certifications:** AWS Certified AI Practitioner (2024), Certificate IV in Cybersecurity from Victoria University, Hashicorp certified Terraform Associate (003), ISC2 certified in Cybersecurity, SAFe Certified Scrum Master, ITIL foundation.

## PROFESSIONAL EXPERIENCE

PEXA Ltd

June 2022 - Till date

### *Senior DevOps Engineer*

Employed as a Senior DevOps Engineer of APIM Platform team which is responsible for enabling and consuming APIs through KONG gateway.

### *Key Responsibilities*

- Spearhead the design and implementation of cloud-native solutions for the APIM platform

- Lead technical initiatives focusing on automation, availability, scalability, and security.
- Collaborate with tech leads, senior developers, and cross-functional teams
- Drive technical implementation of new products and services
- Design and implement Kong Gateway Platform Infrastructure in Kubernetes
- Develop reusable GitHub Actions for cross-team consumption
- Ensure comprehensive monitoring and alerting across the platform
- Implement and advocate for DevOps best practices

### ***Key Achievements***

- Successfully designed and implemented the APIM platform from ground up as an individual contributor
- Spearheaded complete re-architecture, migrating from Kong Enterprise to Kong Konnect with Auth0 integration
- Took ownership of PEXA AI Assistant from consultant team and managed it independently
- Modularized platform core infrastructure using Terragrunt with hierarchical variable overrides
- Created lean infrastructure with data pods, eliminating gateway events listener pods
- Developed widely-used git versioning and release GitHub actions for International and Core teams
- Designed and implemented multiple IDP connectivity solutions
- Led migration of API Developer Portal from CloudFormation to ECS with CloudFront
- Implemented trunk-based development and TDD/BDD methodologies
- Established comprehensive observability practices
- Won Best Marketing award in company Hackathon
- Completed AWS Certified AI Practitioner certification

### ***Infrastructure Improvements***

- Consolidated around 6 repositories into unified apim-platform structure
- Streamlined deployment processes through automation
- Enhanced system reliability and maintainability
- Reduced operational overhead through infrastructure optimization
- Improved cross-team collaboration through standardized practices

**Cognizant Technology Solutions Pty Ltd**

**April 2021 - June 2022**

**Client: ANZ Bank, Business Bankers Lending**

***Senior DevOps Engineer***

Employed as a Senior DevOps Engineer of BBD team which is responsible to handle lending applications for small and medium business upto \$1M loan value.

### ***Key Responsibilities***

- Working with Dev team for GCP Cloudbuild integration for CI .
- Automate the product deployment using UDeploy and RedHat Openshift.
- Enable Containerisation for new services.
- Work with Infra team to stabilise and maintain non-prod environments.

### ***Key Achievements***

- Automated local setup of 14+ micro services using a single command and saved 800+hrs of developer's time for the whole tribe.
- Created Synthetic Monitoring for an end-to-end application flow using Dynatrace and enabled proactive monitoring for the cluster.

**Cyara Solutions Pty Ltd**

**November 2019 - April 2021**

### ***DevOps Engineer***

Employed as a DevOps Engineer of system team which is responsible for infrastructure automation and automated deployments of the product.

### ***Key Responsibilities***

- Working with Dev team for TeamCity integration for CI .
- Automate the product deployment using chef cookbooks and Terraform.
- Automate VM template creation using Packer and integrate with TeamCity.
- Automate setting up of disaster recovery/backup site in AWS through terraform.

### ***Key Achievements***

- Automated end-to-end deployment of RabbitMQ setup in AWS and VMware platform using Terraform and Chef.
- Automated manual deployments of product components and enabled terraform deployment.

**SAP Australia**

**February 2018 - October 2019**

**SAP India**

**October 2015 - January 2018**

### ***IT Technology Consultant***

Employed as a lead of product automation team which is responsible for infrastructure automation and automated deployments of the product.

### ***Key Responsibilities***

- Lead a team of 3 members for automating the product build and deployment in datacenter.
- Automate **IDP server/client** orchestration using chef cookbooks and ruby scripts.
- Integrate Jenkins for Continuous Integration of new release of Automation code.
- Integrating DevOps tools with LDAP and enabling AD authentication for internal tools.

- Preparing functional and technical specifications, user manuals and documentation.

### ***Key Achievements***

- Architected end-to-end encryption and decryption of configuration using chef-vault and custom written AES encryption library.
- Automated end-to-end deployment process and enabled “one-click” deployment for LMS.
- Successfully designed and implemented automated approval workflow for Validated SaaS Environment which resulted in complete elimination of manual intervention and human errors.
- Developed and delivered an Infrastructure certification and testing framework based on Chef Inspec.
- Developed custom UI dashboards using HTML5, CSS3 and AngularJS with Ruby Sinatra API as backend.
- Proactively revamped the documentation and built a documentation process for automation cookbooks which set standards for other teams and increased overall productivity of the team.
- Introduced git flow in the team for seamless integration of chef cookbooks.

Mindtree Ltd, Bangalore, India

June 2014 - October 2015

### ***Module Lead***

Part of Enterprise Mobile team, responsible for developing mobile applications across different domains and business units.

### ***Key Responsibilities***

- Created an Android tablet application for marketing analytics for HUL Philippines and Malaysia.
- Enabled offline mode with WebSQL and forced updates.
- Worked on IBM worklight along with adapters for a banking application.
- Created a short form of learning system for retail domain using Ionic, AngularJS and Cordova.

### ***Key Achievements***

- Won “Master Mind” award for the best UI architect design solution for a mobile app.
- Won “Unstoppable” award for delivering three projects within time in tandem.
- Won Mindtree’s Hackathon contest by creating an app within 36 hrs.

### **Other Details**

- Started my career in Wipro Technologies as a Project Engineer from Dec 2008 - May 2012.
- Worked as a Mobile application developer in Sasken Technologies from June 2012 - October 2012
- Senior Software Engineer with Accenture India Services from October 2012-June 2014