

Pradeep Mathew

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PROFESSIONAL SUMMARY

- **A seasoned IT professional with experience across banking, consulting, insurance, retail and entertainment industries in Automation and Cloud Engineering.**
- **My skills include implementing and maintaining cloud infrastructure, application migration and upgrades, containerization, CI/CD, automation, monitoring, and SRE.**
- **More than 3 years of hands-on experience in AWS Services-CLI, CloudFormation, Terraform, Lambda, IAM, EKS, ECR, S3, CloudWatch, CICD, VPC, KMS & EC2.**
- **Solution Design and Build Architecting on AWS/Azure services over 3 years.**
- **Overall worked in core Networking, Information security, Application Support, Payments, Data Warehousing, Environment/Release management, SRE and DevOps/Cloud Engineering Practices.**
- **Robotic Process Automation Design and Development support using UiPath RPA.**

WORK EXPERIENCE

Tabcorp- Melbourne, Victoria
DevOps Automation Engineer

December 2021 - Present

Technologies working on

- Cloud Computing: AWS, Azure
- Infrastructure as Code: Terraform, AWS CloudFormation
- Scripting: Bash, PowerShell
- CI/CD: Buildkite, AWS Codepipeline, GitHubActions
- Containerization: Docker, Kubernetes, ECS
- Monitoring: NewRelic, Splunk, Cloudwatch, Prometheus, Grafana
- Apps Programming – Go, Python, Java
- RPA(Robotic Process Automation): UiPath on AWS workloads

Key Responsibilities-Projects:

- Reporting to the Automation Engineering Lead, part of a close-knit and cohesive engineering team, responsible for infrastructure design and development using infrastructure-as-code mainly on AWS workloads.
- Drive continuous delivery and DevOps best practice and tooling across Services and Engineering Technology Department.
- Leverage existing, or integrate and maintain new tools for deployment, monitoring and operations and troubleshoot and resolve issues in development, test, and production environments.
- Develop and maintain cloud infrastructure as code using tools such as AWS CloudFormation and Terraform for API gateway (Kong/Kafka) microservices based architecture projects.
- Led deployment and management of Tabcorp streams microservices java/Go based application on AWS Elastic Kubernetes Service (EKS) as part of SRC 2022-23.
- Build and maintain CI/CD pipelines for application deployment using GitOps strategy using tools such as GitHub, SonarQube, Jfrog Artifactory, Buildkite/AWS CodePipeline.
- Manage and monitor cloud infrastructure and apps using tools such as AWS CloudWatch, Splunk and New Relic during Spring carnival race days.
- Proven experience of Tabcorp's major initiatives such as the 'Kubernetes as a Service' project and implementing the UiPath automation platform, showcasing skills in cloud engineering and RPA.

Coles IT - Hawthorn East, Victoria
Release Environment Analyst

June 2018 – November 2021

Key Responsibilities-Projects:

- Built and maintained cloud infrastructure using Azure and AWS
- Developed automation scripts using Bash, Python, and PowerShell
- Implemented CI/CD pipelines using Jenkins & Azure DevOps
- Containerized applications using Docker and Kubernetes
- Monitored and troubleshooted production issues.
- Collaborated with development teams to improve application performance and scalability.
- Working with the various delivery teams of Insights Data platforms to define release code promotion schedule.
- Own and manage Insights Data teams Release Management lifecycle.
- Administering change/release records within the IT Service Management tool (ServiceNow)
- Work closely with members of the different program teams, including program managers, architects, developers and testers to ensure cross-project dependencies are clearly mapped and managed.
- Hosting release scope meeting, participate in change control meetings, source code management, dress rehearsal deployments, manage release acceptance -UAT/QA signoffs/support handovers, production implementation coordination (run sheets) with inhouse and multi-vendor teams.
- Coordinate release package design, scripting, build and configuration with deployment engineers (inhouse and vendors)
- Test Environment Management, Change Management, Access Management, Patching coordination, Environment bookings, Failover and failback (DR), application and DB upgrade coordination.
- Track post implementation issues with impact analysis and remediation follow-up for continuous improvement of releases.
- Maintain documentation related to procedures on build and release, various notifications lists and dependencies.
- Advocate for implementing shorter and faster releases and melding to DevOps ways of working using Cloud based tools and practices.
- Leading cloud migrations and enhancing release process to run on-prem and cloud-based application changes and to go hand in hand.

Insurance Australia Group (IAG)- Melbourne, Victoria
Environment Analyst

February 2014 – May 2018

Key Responsibilities - BAU:

- Environment Management and code release deployments using build and automation tools.
- Supporting application developers, testers, business and production stakeholders
- Doing on call support for weekend releases and various project test runs
- Setting up lab environments for various projects including -estimate, system design, development, implementation and support with agile practice.
- Infrastructure and Application upgrade projects and vendor coordination.
- Assisting in the daily monitoring of environment availability via dashboard setup
- Maintenance of Non-production server environments- patching and monitoring
- Working on cloud-based pipelines and setting up inception designs for document management solutions for IAG.

Key Responsibilities - Projects:

- Westfarmers – IAG Systems integration (WAS 8, AIX 7.1, DB2)
- Coles – IAG systems integration (Middleware MQ, Linux, Splunk, Octopus Deploy)
- OpenText Capture systems upgrade project (Win 2012,SQL 2008,Storage solutions)
- Adlib Application Upgrade Program (Win 2012,SQL 2008, IIS7.5)
- Proof of concept system build and application relocation onto Cloud AWS

Capgemini- Melbourne, Victoria (Client-ANZ Bank)
Senior Consultant

September 2012 – January 2014

Key Responsibilities - BAU:

- Manage and resolve environmental support issues effectively and work to derive root cause and resolve environmental defects.
- Participating in regular, fast track and emergency releases, QA testing with QA lab team, business continuity testing and vendor patch management.
- Worked closely with a variety of teams including testing, infrastructure, development and release management teams.
- Act as a point of contact for all technical support issues (which could be across server, database, de-bug, configuration issues etc) relating to environments and their availability and performance within Global Payments Applications team.
- Provide reports on usage/utilization, availability, forward planning and schedules.
- Proactively support, monitor and maintain the development and testing applications so that issues are corrected before they impact users.
- On call Production support on Global payments applications and release management.

Key Responsibilities - Projects:

- IBM Master Data Management implementation and support (WAS 8, AIX 7.1, DB2)
- Windows 2003/SQL20005/Windows XP upgrade of Institutional customers systems to Windows 2008 R2/SQL 2008 /Windows 7
- Voucher Image 'Storage' System Infrastructure Hardware Refresh Project (Migration from physical to virtualized-vsphere technology)

ANZ Bank Information Technology- Melbourne /Bengaluru
Environment Analyst

May 2006 – August 2012

Key Responsibilities (BAU & Projects):

Worked as Test Environment management analyst across the major ANZ projects.

- Global Information Security team offshore setup and coordination
- PeopleSoft application setup and upgrade
- Global payments systems integration with PRIME regulatory systems
- Australia Post Forward Clearing Project
- Microsoft Reporting Services Application Upgrade Program
- CA Clarity v8 Application Upgrade Program
- PAYPLUS-FX online integration Program.
- Data Integrator Program (Royal Bank of Singapore IT merging with ANZ)
- PRIME Hardware/Application Refresh Program
- SUNCORP Bank Agency Clearing Project

Key Responsibilities:

- Planning, Designing and Implementing Network and IT Infrastructure.
- Design of LAN for our clients and provide hardware, software and network support • Troubleshoot network, Internet and email problems for users.
- Configuration of DNS and DHCP services on Windows 2003 server.
- Managed and maintain User and Group Accounts on Windows 2003 Active Directory.
- Manage all access to users account, file, print, email servers, and Network applications.
- Remote Administration using RDP, PC Anywhere, Net Meeting.
- Handling ITS Hotline Calls from throughout SAP India Offices.
- LAN Administration which involves Switching and Routing.
- Supporting Test Machines which involves Win2K/2K3 Server.

SCHOLASTICS

Bachelor of Engineering - Major-Computer Science - 2000-2004

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect – Associate
- GitOps Fundamentals
- HashiCorp Certified: Terraform Associate
- Azure DevOps Engineer Expert
- Azure Administrator
- Azure Fundamentals
- ITIL 3&4 Foundation (9980015774285990)

REFEREES

Available on request