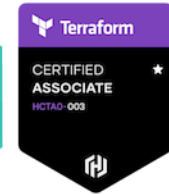# SAILENDHRAN PARAMANANDHAN

Wellington, New Zealand
+64 (021) 255-3063
SAILENDHRAN560@GMAIL.COM
in.linkedin.com/in/sailendhran/

An experienced cloud infrastructure specialist looking to design and build solutions for Products and Enterprises. A Senior SRE who worked with large scale distributed systems and cloud deployments globally, curious to learn about complex systems and underlying problems and keen to understand root causes and needs for automation. Love to work with passionate teams, collaborate and cultivate a growth mindset.

SKILLS

- AWS, GCP, AZURE
- API Gateway Platforms (Apigee, Kong)
- Apache Cassandra, MySQL, Postgres
- CI/CD Tools (Jenkins, ArgoCD)
- Programming languages (Golang, Python)
- Container Technologies
- Agile methodologies
- Kubernetes (Helm)
- Load Balancing and Networking
- Configuration Management
- Infra as Code (Terraform, Cloudformation)
- Monitoring and Logging (Grafana, Splunk)
- Cloud Security (IAM, SSO)
- Site Reliability Engineering

CERTIFICATIONS / QUALIFICATIONS

- AWS certified Solution Architect - Professional
- Terraform Certified Associate
- Kubernetes certified Administrator
- AWS certified Sysops Administrator - Associate
- ICAgile Certified Professional
- Redhat certified Engineer - RHEL 5
- Bachelor of Technology in Computer Science, Jawaharlal Nehru Technological University
- Achieving Personal and Professional Success (Wharton Online)

WORK EXPERIENCE

Software Engineer (SRE) - Datastax, Remote

JAN 2022 - Present

- Developing product features for Astra managed clusters and backend services based on golang and Terraform
- Advocated Toil reduction and identified the improvements to monitoring alerts and manual tasks.
- Developed monitoring dashboards and runbooks that help daily on-call activities
- Lead the APAC production engineering function involved in hiring, training and coverage
- Ported helm deployments to ArgoCD pipelines for Gitops based production deployments.

Cloud Consultant - Bank of New Zealand, Wellington

SEP 2021 - DEC 2021 (4 months)

- Developed AWS EMR services needed for Data and Analytics Platform and Financial Crime Services using Terraform Cloud..
- Initial design and planning of migrating internal banking software and tools to BNZ Cloud as per requirements from vendors and internal stakeholders

Product Operations Lead - InternetNZ, Wellington

MAR 2020 - AUG 2021 (1 year 6 months)

- Managed daily operations of infrastructure and solutions behind InternetNZ's commercial products such as releases, monitoring and provisioning.
- Migrated internal research applications to private clouds through containerization and orchestration
- Deployed sensu monitoring platform for commercial products and internal services using terraform.

Senior Technical Specialist - Bank of New Zealand, Wellington

OCT 2017 - MAR 2020 (2 year 5 months)

- SME for BNZs Integration Platform (Apigee, Axway) hosted on a private cloud.
- Automated upgrade and deployment pipelines for Integration platforms using Jenkins.
- Lead the devops function within the team and organized team dojo sessions for KT and upskilling
- Deployed NAB designed Kong API platform on BNZ's AWS Infrastructure using cloudformation.
- Upskilled team's cloud skills and got certified as AWS Solution Architect Professional as first person in wider technology team.

Site Reliability Engineer - EROAD, Auckland

JUL 2016 - OCT 2017 (1 year 3 months)

- Developed zero downtime deployment jobs and operational automation in rundeck
- Supported real-time iot event processing applications ensuring peak efficiency, performance and uptime.
- Migrated Elastic Beanstalk application to AWS using cloudformation templates
- Lead the SRE function within the platform team and performance analysis quarterly to predict usage and tuned resources.

Senior Cloud Engineer - Apigee (Acquired By Google), Bangalore

MAY 2011 - JUN 2016 (5 years 1 month)

- Automated production deployments using GoCD and reduced the deployment time from days to hours with minimal downtime.
- Managed configuration management using Puppet and ansible for application deployed across 7 regions on AWS behind Apigee Edge
- Automated provisioning, offboarding of customer deployments using Ansible and Terraform.
- Migrated customer environments and internal infrastructure to multi AWS regions.
- Supported in-house tools developed for managing the Amazon cloud and Customer environments
- Developed test platforms for QA and Dev teams to test upcoming product releases and helping in fixing product bugs.
- Troubleshooting and resolving high priority production outages involving all components of the architecture including datastores like Cassandra, Postgres and Zookeeper.

NOC Analyst - AOL India, Bangalore

APR 2007 - MAY 2011 (4 years 2 months)

- Monitoring and troubleshooting AOL portals running on Apache Tomcat web servers, Netscaler load-balancers and MySQL databases.
- Configuring and troubleshooting AOL proprietary distributed system software (SAPI) across various production servers for different projects
- Configuring RAID, Upgrading firmware and BIOS, Network reimaging and troubleshooting hardware & remote connectivity of production servers
- Troubleshooting network, DNS and security related issues co-coordinating with Network operations.
- Documenting the troubleshooting procedures and technical information needed for future reference, sharing and better operations
- Performing production release installs. Provisioning new servers and pushing them to production
- Checking the monitoring thresholds and details for alarms configured on Netcool and Nagios
- Automating daily tasks or issues and scripting install procedures improving efficiency
- Leading the team in troubleshooting production issues on a shift and managing the production impacting outages toward quick resolution

System Administrator - Innovate Software Solutions, Bangalore

SEP 2006 - APR 2007 (8 months)

- Configured the XNAP Server which includes (Firewall, Content Filter, Mail Server)
- Configured Samba Server and FTP server for file transfers and sharing
- Maintaining the network in the LAN of Windows and Linux Machines
- Packaging and writing install scripts for projects done by development teams.
- Developed a web application for ticketing the support issues and office automation tools using PHP

COURSES

- Architecting on AWS
- Security Engineering on AWS
- Redhat Openshift Development - Containerizing applications
- ICAgile: Agile Fundamentals
- Networking and System Administration

AWARDS

BNZ (2019)   : Chevron Nominee (Technology)

Apigee (2014) : Values in Action, Passion

AOL (2010)   : Domain Expert

AOL (2009)   : Star Performer

PERSONAL BACKGROUND

Immigration Status : NZ Citizen (Indian Origin)

Family   : Wife, 2 boys (7 and 3), 1 dog

Languages   : English, Hindi, Tamil, Telugu

Sports   : Badminton, Table Tennis

Interests   : Mental Health, Vinyl Records, Hiking