**NANITHAMBY BALACHANDRAN**

**SENIOR TECHNOLOGY PROFESSIONAL**

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| **Nationality**: Singapore Citizen | **+6590177622https://cdn4.iconfinder.com/data/icons/colicon/24/673285-phone_call_telephone-256.png** | **balasg70@gmail.comhttps://cdn4.iconfinder.com/data/icons/aiga-symbol-signs/439/aiga_mail-256.png** | **[www.linkedin.com/in/balachandransg](http://www.linkedin.com/in/balachandransg)** |

**Job Objective**: Scaling new heights of success with hard work & dedication and leaving a mark of excellence on each step. Seeking career-enriched assignments as **Professional in Technology** with an organization of high repute.

**PROFILE SUMMARY**

* **Achievement-driven technology leader with stand out experience of over 2 decades** in visioning and setting strategic direction, mapping out pathways to success, and supporting organizations in realizing business objectives through the cutting-edge digital technologies. Excel in optimizing return on investment (ROI) while enabling standardization, challenging, and improving infrastructure platforms, enhancing operation and IT performance, strengthening the cybersecurity posture, and streamlining service delivery.
* **Leveraged prowess** in optimizing the user experience through cloud-native applications. Expertise in handling different cultures, strategic thinking, and global leadership, running a secure globalized cloud team, functional process, AWS/Azure/GCP hybrid cloud, and the most critical customer focus globally.
* **Standout experience** in translating business requirements and technology proposals into cloud technical solutions for GCP/virtualization/containerization for the customer service industry for financial, telecom and System Integrators. Well-versed with the high-availability architectures, VLANs, Routing (L2/3), and TCP/IP
* **Dedicated professional** with proven performance in management, leadership, and communication. Detail-oriented in problem-solving and planning.

**Career Achievements**:

* Implemented DevOps tools, resulting in a **50% increase in turnove**r and a 20x reduction in security/operation process runtime for Microservices.
* Led a $2 million caching infrastructure and AWS migration project, **optimizing RFI/RFP proposal**.
* Achieved annual **cost savings of $3 million through optimization** and high-availability redundancy for application availability.
* Generated **7.2M growth by upgrading legacy systems** to AWS/Azure/GCP architecture.
* Improved **operation time by 40% through automation** within the CI/CD framework and deployment scripting.
* Spearheaded the design and transformation of private cloud/middleware solutions, contributing to over **40% revenue and profit growth.**

**EMPLOYMENT OUTLINE**

**Point72** || Aug 2023 – Now

DevOps Platform Consultant

Key Result Areas:

* **Strategically** planned and executed technical deliverables, ensuring project requirements met within allocated budget and schedule, resulting in 50 % successful project completions.
* Utilized Ansible for automation of routine tasks, resulting in a **25% reduction in manual intervention**.
* Acted as Product Owner, prioritizing backlogs and aligning project goals with business objectives Jira/Bitbucket, leading to a **15% increase in project alignment** with organizational strategy.
* **Orchestrated** the development and deployment of container-based microservices, meeting high availability, performance, and security requirements, resulting in a **25% improvement in system uptime**.
* Implemented CI/CD pipelines using Bitbucket and Jenkins, resulting in a **30% reduction in release cycle times**.
* Developed and maintained Terraform templates for infrastructure provisioning, resulting in a **25% reduce in resource utilization**.
* Led troubleshooting efforts, facilitating root cause analysis and incident resolution, reducing incident response time by 30%.

**IBM (DSTA)** || Jan 2022 – Dec 2022

DevOps Architecture Lead

Key Result Areas:

* **Strategic Planning**: Define and manage DevSecOps implementation roadmap for SDLC and government process.
* **Client Engagements**: Facilitate cloud architect discussions for Agile/Scrum backlogs in CI/CD automation for stockholders
* **Optimized operational**: Implemented DevOps practices, leverage Gitlab, Jenkins, and SonarQube, resulting in 25% faster deployments and a 20% decrease in post-deployment issues.
* **Configuration & Maintenance**: Prioritize and perform the configuration and maintenance of cyber security, system scripts administration, software installation, upgrades, and compatibility of system components.
* **IaC Deployment Cloud Service**: Implemented Infrastructure as Code (IaC) using Terraform, ensuring consistent and version-controlled deployments across environments for AWS/Azure Cloud service using CI/CD tools.
* **Security Policies**: Query the cloud providers and DB version solution for effectuating the security policies (cloud VPC/technology/storage) including WAN, LAN, load balancing, firewall, VPNs.
* **Security Management**: Schedule, assessment, and automate security control patching and updates for CI/CD pipeline
* **Jenkins Pipeline Automation**: Facilitate the automation of the Jenkins/Bamboo pipeline to reduce complaints by 30% configuring mobile application system using Ansible, Hashicorp vault
* **DevSecOps Scanning**: Entrust with the overall CyberArk identity mgt and accountability of enhancing the container/security scanning of quality codes and cloud for architect functions/processes by 20%.
* **Team Leadership**: Engage with cross-functional teams to design, develop and implement scalable enterprise features to improve customer satisfaction and developer productivity.

**SINGTEL** || Jan 2021 – Dec 2021

DevOps Manager

Key Result Areas:

* Played a SME role in enhancing the scalability and security automation services for DevSecOps.
* Accelerated **project delivery by 30%** through Agile implementation, enabling swift feature deployment and enhancing client satisfaction for product
* Automated scripted pipeline to **slash down the complaints by 30%** for Microservices/container Projects by designing expertise such as CI/CD, and automation through infra-as-code/Puppet/Ansible and CyberArk.
* **Slashed down the IaC deployment process by 20%** through planning and migration of the on-premises workloads to the AWS/Azure Cloud using migration tools, composition analysis, SAST, DAST and container security tools.
* **Lessened the on-premises hosting costs for operation functions/processes by 20%** by leading the data management solution in terms of access, security, performance, and architecture patterns cloud providers and Hashicorp solution for scripting pipeline.
* Optimized **cyber security process** by 5% through analysis and approval of new code in cloud through security and performance gates.

**Thales Solution Pte Ltd** || Dec 2018 – Oct 2020

DevOps Architect (Digital Factory)

Key Result Areas:

* **Slashed down the IaC deployment process by 20%** through Terraform/ ansible automation for GCP/AWS configuration management and secret management according to cybersecurity standards and automation.
* Progressed the container and SOA application migration (including GKE Lambda) using AWS/Azure/GCP different tools like ansible, chef Inspection for cloud deployment, which **abridged the cost of hosting on premises for business functions/processes by 20%**.
* **Lessened the risk factors for the scrum spring cycle by 25%** by developing and nurturing relationships with customers and outlining the proper security gaps processes for using CI/CD secure tools & reporting.
* led the Zabbix & Terraform/Ansible scripting for JBOSS and WebLogic web application rollout on BPM and Azure/AWS cloud VM to **curtail the deployment vulnerability process by 30%.**
* Introduced the GCP cloud-DevOps Integration with products on opensource Docker/Kubernetes tools, which **reduced the costing projects by 50%**.
* Drove a **25% enhancement in code quality** by providing hands-on technical guidance and mentorship to the Application Development team as the architect
* Provided root cause analysis on DevOps best practices to client teams, resulting in **improved collaboration and faster time-to-market**.

**SINGTEL** || Mar 2015 – Oct 2018

Architect and Solution Integration

Key Result Areas:

* Led a **6-member team in technical systems engineering** and blueprinting, strategies with architecture and operability standards for migration of applications and contracts on Virtualization\Container platform as a Project Lead.
* Engineered a **50% cost reduction for Spring Project** by designing business blueprints and implementing on-premises/cloud integration services on AWS Computing platform, along with vulnerability scanning tools.
* Introduced cost-efficient middleware technologies (JAVA, Servlet, Hibernate, ESB, Bootstrap, Angular JS, EJB, & Web Services) resulting in a **50% reduction in software license expenses** for SDP projects.
* Strategically implemented MuleSoft/OpenShift solutions for Oracle/MSSQL, optimizing data processing & scheduling for BCC Project. This reduced **hosting costs for container processes by 20%.**
* Achieved a **20% reduction in hosting costs** for architecture functions/processes by successfully transitioning applications to public and private clouds**,** collaborating effectively with external teams.
* Spearheaded the delivery of GKE containers/dockers/Kubernetes services, **increasing process efficiency by 20%** and ensuring seamless service provision to customers.
* Review Spring Project's Cloud-based **performance** **KPI by 5%** through the implementation of robust IT security measures including point-to-site VPN, TLS/SSL, OAuth, WS-Security, SAML, and LDAP.

**SOCIETE GENERALE** || Feb 2011 – Sep 2014

Senior Middleware Consultant/Project Coordinator

Key Result Areas:

* Advised the Head of Business and recommended systems/middleware solutions that supported the strategic operation planning.
* Managed various IT Automation, such as web services designing, configuration, dashboard, and troubleshooting initiatives.
* **Recorded a fall in maintenance cost from 70% to 40%** by leveraging the Agile methodologies to execute JMS/Integration and successful interface to JVM/Java/.Net for Gem Project for integration of Application messaging and connectivity.
* **Abridged the support costs by 50%** through AWS products (EC2, S3, DynamoDB, CloudFront CDN, RDS, and EJB) by recommending the architect integration to senior leaders.
* **Slashed down the downtime from 10% to 5%** for system deployment for DevOps best practices by undertaking the J2EE deployment and proposing the JBoss, Apache Tomcat, IBM WebSphere, and Oracle WebLogic integration.
* Boosted **operational efficiency by 30%** through seamless integration of a critical system upgrade, aligning with industry best practices and internal standards.
* Augmented the web performance for ZFS and Ceph storage services by introducing the web services JAX-WS and JAX-RS boost through cloud computing technologies.

**HSBC** || Nov 2008 – Dec 2010

IT Manager

Key Result Areas:

* Successfully spearheaded the implementation of a new CRM system, **mitigating potential risks** and ensuring a smooth rollout with minimal disruptions
* Slashed down the operating cost by performing the **security threats troubleshooting** of all RPC/API app connectivity issues and new VM deployments without engaging vendor services.
* Automated the web server sites and online portal server deployment by scripting which **reduced website downtime by 25%.**
* Enhanced the deployment and reduced the downtime failures by 10% through automated scripts (Python) which **contributed to the project cost reduction by 30%.**

**PRIOR WORK HISTORY**

**Standard Chartered Bank** || Oct 2006 – Aug 2008

Senior UNIX Engineer

**Hewlett – Packard Pte Ltd** || Feb 2004 – Apr 2006

System Engineer

**ABN AMRO Bank** || Jan 1998 – Dec 2003

Unix Team Lead AP Tech Centre

**MAJOR PROJECTS**

* **Project title**: IT | **Client & Location**: SINGTEL, Singapore | **Duration**: 1 year | **Team Size**: 15 | **Project Value**: 2 million | **Technologies** **Used**: AWS | **Role**: DevOps manager
* **Project title**: DevOps role out | **Client & Location**: Singtel, Thales, Singapore | **Duration**: 1 year | **Team Size**: 5 | **Project Value**: 1.5 million | **Technologies Used**: Azure | **Role**: DevOps consultant
* **Project title**: Cloud Migration of Middleware | **Client & Location**: SINGEL, Singapore | **Duration**: 2 years | **Team Size**: 20 | **Project Value**: 3 million | **Technologies Used**: GCP | **Role**: Solution Architect

**EDUCATION CREDENTIALS**

* **Bachelor in Information Technology** - University of Western Sydney, Dec 2002.
* **Advanced Diploma in Computing**, Dec 2000.
* **NCC** **Diploma in Computer Studies**, Dec 1994.

**Certifications**:

* PMP Certified
* ITIL v3 Certified. Microsoft MCSE, MCP+I
* Certified Internet Webmaster & CIW Security Professional
* Sun Certified Administrator, JBOSS Fuse certified
* BMC PATROL for Unix Certificate, Certificate in DevOps
* TOGAF 9.1 certification, Leading SAFe Agilist
* AWS Certified Solution Architect Associate

**IT Forte**:

* **Platforms**: Unix, VxM, VCS, Linux, Redhat, AIX, Solaris, windows 2016, and Merantis
* **Monitoring**: Selenium/Netcool/BMC Patrol/Dynatrace/New Relic
* **Automation**: bash script/Puppet/Fabric/ETL tools/Ansible/terraform/Hashicorp vault/PowerShell
* **Release Management**: SVN/ClearCase/Nexus/Atomic/Jenkins/Maven/GitHub/Bitbucket/JIRA/Kanban
* **B2B Integration Servers**: Tomcat/WebLogic/WebSphere/JBoss/JMS/Nginx/Apache/BPM/OBIEE
* **Virtualization/Cloud**: ESX\NSX Server/KVM/CDN/S3/Elasticsearch/EKS/Azure/RDS
* **Database**: MSQL, Oracle, Hadoop, DB2, MongoDB, MySQL
* **DevOps tools**: Maven, Ant, Gradle, Nagios, Logstash, Docker, Kubernetes, SCA,SAST,DAST, Aquasec(trivy) Scripting (Python, Bash) Groovy
* **Cloud Computing** :AWS, Azure, Google Cloud)
* **Monitoring and Logging** :Prometheus, Grafana, ELK Stack

**Training / Seminars / Workshops**:

* Leading SAFE Agilist, PMP Certified, ITIL Certified,
* AWS Certified Solution Architect Associate, Certified TOGAF 9.1
* Microsoft Certified, Certificate in DevOps

**Technical Purview**: Well-versed with the Red Hat Linux, Cloud Infrastructure and Automation CI/CD, Cybersecurity, Computer Engineering

**PERSONAL DOSSIER**

**Date of Birth**: 10th March 1970 | **Languages Purview**: English| **Passport No**: S7008224A