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| **Email: sk.5109994455@gmail.com** |  |

**SAI Kakumanu**

**Professional Summary**

Digital Transformation leader with 20+ years’ synergetic work experience with class leading organizations - PwC, IBM, TCS, Fannie Mae, Freddie Mac, Intel, Qualcomm, NetApp, Savvis, World Fuel Services and Synchronoss Technologies.

Senior technology evangelist with a focus on Digital Transformation, Cloud Engineering, pre-sales & solutioning, cloud security, DevOps, FEDRAMP & FISMA implementation, Business/IT Automation A dynamic leader with proven abilities in people/process/technology, service level, product, risk, and budget management to lead all phases of digital transformation, mentoring & motivating teams successfully creating digital change agenda.

**Skills & Experience Summary**

As the Digital Transformation leader of world’s largest IT managed services company, I am engaged in consistently delivering client’s IT driven business performance & capabilities, cost optimization and operational efficiencies - Using a combination of emerging IT tools & tech, industry best practices & governance.

* Cloud & DevSecOps - strategy/direction, pre-sales, solutioning, best practices & value delivery.
* Cloud Engineering, Migration Planning and Execution Governance using AWS/Azure/GCP.
* Standardization of DevOps Tools & Processes, Automation of CI/CD using Terraform, Puppet & Ansible.
* Standardization & Automation of Cloud, Middleware, DevOps Tools & Processes, CI/CD pipelines.
* Establishing cloud cost accountability, cost optimization by establishing policy and controls.
* BigData solutions in GCP – Big Query, Big Table, DataFlow, DataProc.
* FedRAMP/FISMA/NIST Cyber Security Risk assessment, audit, remediation & documentation.
* Well versed in authoring & rev authoring FEDRAMP - SAP, SSP, SAR, POA&M
* NIST CSF, NIST 800-53, NIST 800-171, ISO 27001, FIPS 199/200, CSA- CCM Matrix v3.0.1.
* SOX, SOC2, FedRAMP, FedRAMP Tailored, DoD SRG, PCI & HIPAA, FISMA, ITAR, GDPR.
* Infra Engineering/Operations, Infra Automation, Optimization & Technology Refresh Planning.
* Disaster Recovery Planning & Architectures using cloud, Application Rationalization & Consolidation.
* Expert level knowledge on various middleware products - WebLogic, WebSphere, JBoss, Tomcat etc.

* Design Architecture & Implementation Best Practices for Cloud migrations, DevSecOps, RPA, Middleware, Infrastructure engineering, Cloud Security and Automation solutions.
* Strong technical background and experience in directing & implementing large-scale Infra/Cloud Solutions, Cloud Pre-Sales, Managed Services, Automation systems and shared services in the Consulting, Financial, Wireless, Security and Telecommunication industries using AWS, GCP & Azure cloud platforms.
* Expert knowledge designing & implementing end-2-end Cloud eco-systems using AWS, GCP & Azure
* Identification of Cloud, Automation & Digital Transformation value possibilities, shaping of opportunity value and build out a governance model for effective delivery of such digital initiatives.
* Leading Cloud Security Assessments & Remediation based on NIST Cyber Security Framework (CSF).
* Developing customer-specific value roadmaps in partnership with presales, COE and enablement teams.
* Leading the organization in maximizing the opportunities of digital working culture by reshaping the skills, processes, people and tools to deliver on digital strategy.
* 15+ years’ experience in driving large scale Technology Transformational efforts, Delivery and Vendor management and managing global diverse teams (US, UK, Asia, and India) on enterprise grade projects.

**Professional Experience**

**PwC June 2016 - Current**

*Tampa, Florida*

**Senior Director & Chief Architect - Digital Transformation**

* Global strategic role directing PwC IFS’s Cloud, Automation & DevOps streams.
* Director responsible for achieving FISMA/FedRAMP certification for PwC’s PS Services.
* Well versed with FISMA/FedRAMP moderate & high controls, RAR, SSP, SAP, SAR, POA/M
* Regulatory & Compliance adherence across multiple firm portfolios for SOX, FedRAMP, FedRAMP Tailored, DoD SRG, ISO27001, PCI & HIPAA, FISMA, ITAR, GDPR
* Provided technical expertise to PwC teams in the areas of Cloud pre-sales, IT & Business Process Automation on GCP, Azure & AWS Platforms using tools like Terraform and IPSoft.
* Provided design & implementation support for Cloud & DevOps solutions on GCP, Azure & AWS.
* Established cloud migration framework for rapid cloud deployments on GCP, Azure & AWS
* Well versed in setting up fully automated DevOps CI/CD pipelines on GCP, Azure & AWS Platforms.
* Successfully achieved FISMA certification for PwC’s PS cloud platform securing $3m+ annualized revenue stream.
* Led many large transformation programs in multiple domains viz. Cybersecurity & PKI, Infrastructure Capacity Planning, Server Consolidation, Data Center Modernization across multiple geographies.
* Worked with business leaders to map out innovation scenarios, identify key improvement opportunities and value-added digital transformation initiatives.
* Managed the program for digital transformation to ensure projects were delivered within agreed quality standards, risk parameters, timescales and budgets using Agile methodologies.
* Led PwC’s tech council to review and assist provider’s adherence to SLA performance and customer service index for PwC Global IT Service Desk, Infra & Operations, App support & Data center services
* Driven continuous improvement throughout PWC’s IFS by using automation and digital enhancements to the applications, infrastructure & cloud cost optimization, processes & knowledge management

**NetApp November 2014 – June 2016**

*Sunnyvale, California*

**Chief Architect & Director – NetApp Global Services**

* Chief Architect for NetApp’s Global Services leading Middleware, Cloud & DevOps portfolios.
* Actively supported multiple corporate initiatives in the areas of Enterprise IT Management Tools & Automation, Cloud & Middleware Services etc.
* Strategic role responsible for setting the technical and architectural direction, design, oversight, and implementation of the NetApp’s global technology infrastructure, Middleware and Cloud solutions
* day-to-day management of engineering, operations and automation of Cloud, DevOps & Middleware Platforms, contingency plans, capacity planning, project management, vendor management, IT Procurement, contract negotiation and systems monitoring.
* Reviewed Application & Infrastructure design and actively implemented multiple infrastructure/middleware platforms including integrations with IAM and other applications and ensured scalability, performance and supportability of the solution
* Provided leadership, guidance and support to the other team members of the infrastructure team on the matters of Oracle Fusion Middleware, Cloud solutions, Docker containers, Ansible, Kubernetes.
* Set the standards and executed the migration and deployment of solution configurations across environments, using automation as key criteria.

**Intel Inc. Mar 2012 – October 2014**

*Santa Clara, California*

**Chief Architect & Director of IT**

* Directed the IT organization in providing a wide array of technical and project management services to division, including middleware operations, systems management, systems monitoring for customer accounts, and infrastructure engineering for B2B connectivity.
* Managed a highly skilled staff of IT Architects including Web & Application architects, Project Managers, Web Portal Architects and Security Architects
* Held full accountability for the design and implementation and 7X24 support of new mission critical cloud & middleware solutions for McAfee’s partners in addition to an internal portal platform.
* Chief Architect for Middleware, Cloud, DevOps, WebLogic, WebCenter, IdM, including OID, OVD, OAM, OIF, and OWSM in support of a large-scale Web Portal and Identity and Access Management deployment
* Architect for End-End Performance and Operations management solution for IAM Solution using OEM12c with Identity & Access Management Pack Plus
* Decreased root-cause identification times of production infrastructure by 75% through implementation of enhanced monitoring.
* Created diagnostic toolset that minimized costly system outages and improved recovery time of mission critical services.
* Provided performance assessments of the application with specific recommendations for improvements across multiple middleware layers, an assessment of adherence to best practices across the layers with specific recommendations for improvement, and an assessment of usability based on industry best practices for business-to-business web applications.
* Supported integration of 11g OAM, OIF, OID, OVD and OOAM for advanced authentication and identity management.
* End-to-End implementation experience across Development, QA, and Production for the entire Oracle Fusion Middleware systems including WebLogic Server/Portal, Access Management suite
* Helped build the McAfee middleware technology roadmap of initiatives to drive towards the future state.
* Active participation in Solutions Architecture Review Board to review all McAfee technology solutions and assess their alignment to the future state technology direction.
* Worked on audit framework, hardening of security product stack, and knowledge transfer to the team.
* Architect and SME for Oracle WebCenter 11g platform

**World Fuel Services Nov 2011 – Mar 2012**

*Miami, Florida*

**Principal Architect**

* Architected and Implemented SOA Governance Suite – Oracle Service Registry, Enterprise Repository
* Provided Implementation support for Oracle Identity and Access Management Suite across the enterprise
* Architected and implemented Production and Non-Production environments for Oracle BPM Suite 11g
* Provided performance assessments of the application with specific recommendations for improvements across multiple middleware layers, an assessment of adherence to best practices across the layers with specific recommendations for improvement, and an assessment of usability based on industry best practices for business-to-business web applications
* Helped build the technology roadmap of initiatives to drive towards the future state
* For individual projects, studied and developed solution alternatives that are within the parameters offered by the business for scope, schedule and budget

**Qualcomm Aug 2008 – Sep 2011**

*San Diego, California*

**Lead Architect**

* Cloud, DevOps & Middleware Architect Managing Enterprise Mobility Systems, Critical Infrastructure and Configuration management for Qualcomm’s Mobile Banking division.
* Provided extensive IT Infrastructure Consulting for multiple business units.
* Directed high caliber teams in Infrastructure and Operational areas.
* Served as direct liaison to Business and internal technology and application teams providing technical guidance for Cloud & DevOps technologies, Agile, Windchill PLM solutions and Oracle Weblogic HA mission critical applications at Qualcomm.
* Decreased root-cause identification times of production infrastructure by 75% through implementation of enhanced monitoring.
* Created diagnostic toolset that minimized costly system outages and improved recovery time of mission critical services.
* Architected Middleware infrastructure installations for Agile, Windchill and Weblogic; engaged in operational analysis, deployments for ADF applications, changes including patches, maintenance and upgrades for key business units.
* Implemented Oracle Identity and Access Management Suite 11g for multiple business units
* Migration lead for service move from Atlanta to San Diego for Qualcomm’s Mobile Banking infrastructure and scale to application needs in Development, Test, Stage, Production and DR environments.
* Authored support policies and procedures to maintain the mission critical environments.

**Fannie Mae Feb 2003 – Aug 2008**

*Washington, D.C.*

**Lead – Middleware Engineering and Operations**

Achieved Fannie Mae’s top performance rating in 2005, 2006 and 2007

* Collaborated with senior business and technical personnel to deliver a robust and scalable architecture that meets the business goals of the organization
* Delivered infrastructure consolidation strategies for the server, network and storage environments, leveraging virtualization and cloud technologies. Efforts were externally recognized with an Infrastructure Management Best Practices Award from IDG Computerworld.
* Developed excellent track record of engineering, technical and customer support managing BEA Weblogic Portal and WebLogic Server products
* Worked extensively on WebLogic Business Process Manager (BPM), BPEL Process Manager, and Aqualogic Service Bus (ALSB) as part of SOA and BPM projects and certification efforts.
* Developed support procedures and architected the support of J2EE infrastructure for business teams
* Engaged customers and other platform teams to instill operational discipline in most areas of J2EE deployments
* Supported multiple ATG, Weblogic Portal and Weblogic Server Engineering and support activities
* Collaborated with internal auditors to conduct in-depth compliance audits and testing
* Managed a team of highly skilled technical staff responsible for 24x7x365 operations, service availability, fault isolation, incident resolution, and disaster recovery of a Global Enterprise Computer System
* Managed the transition of operationally focused engineering tasks successfully into the operations group
* Managed teams break/fix Service Level Agreements (SLA's) to ensure 95% turnkey support goal

**Synchronoss Technologies 2001 – 2002**

*Bethlehem, Pennsylvania*

**Senior Systems Engineer**

* Supported operational support systems for a leading telecom service fulfillment Company.
* Ensured accurate release testing for all new applications, providing final approval for bug-free, fully functional commercial solutions.
* Assigned resources to meet workflow needs; created development plans, project documentation, and test cases.
* Automated the production code migration and deployment procedures
* Automated numerous procedures and policies in support of engineering and operations, participating in regular audits to ensure corporate compliance to IT standards.
* Helped the Technology department to build Risk Assessment Team charged with analyzing all critical systems, developing reports to document system vulnerabilities, and recommending appropriate solutions.
* Developed an effective Performance manager tool to enable automated system alerting and tuning based on threshold data.

**East India Software 1998 – 2001**

*Hyderabad, India*

**Senior Systems Engineer**

* Conducted on requirements specification, design, and development and testing of web-based clinical information applications running on BEA Weblogic Server 5.1.
* Provided administration of BEA Weblogic Server on Windows and Unix, as well as developing software modules using C, C++, Visual Basic, Java, HTML, Servlets, CGI, PERL, EJB, and IIS.