KUNAL LAL

Atlanta, GA 🏠
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LLALLKUNAL@gmail.com ✉
kunal-lal-44294030 in

More than 16 years of IT Industry experience, encompassing a wide range of Industry Verticals namely Financial Services, Telecom, Electric Energy & Power Transmission, Automotive, Healthcare, Marketing & Distribution, Sales, Hospitality, Public Sector, Call Center, Fleet & Universal Customer Master. Highly dedicated and Performance-driven professional with a commitment to and experience of developing innovative and creative software & applications.

Managed and Lead End to End Upgrade/Migration of multiple End to End Cycles of OnPremise to Hybrid or Cloud Infrastructures (AWS/OCI) namely AWS (Amazon Web Services), OCI (Oracle Cloud Infrastructure) and earlier Salesforce Cloud within different Projects & Businesses Verticals.

Certifications & Trainings :

- **AWS Certified SOLUTIONS ARCHITECT – Professional (SAP-C02)**
- **AWS Certified SOLUTIONS ARCHITECT - Associate (SAA)**
- **ORACLE Certified ARCHITECT Associate - Oracle CLOUD Infrastructure (OCI)**
- **AWS Certified - CLOUD Practitioner**
- **ORACLE Certified EXPERT & Trained - CRM Siebel CONSULTANT**
- **ENTERPRISE ARCHITECTURE Foundations Certified**
- **Project Management Essentials and Best Practice, from Walden University**
- **ITIL Certified, from IBM**

Technical Skill Set

- **AWS (Amazon Web Services) :**
  AWS Compute (EC2 Instances, ASG, Lambda, Beanstalk, Cloud Formation or ECS Fargate), AWS Storage (S3, EBS, EFS, Instance Store, Glacier, Glacier Archive, FSx), AWS Networking (VPC, NAT GW, IGW, NACL, SG, VPC Peering, VPC Endpoints (AWS PrivateLink), Flow Logs, Site-to-Site VPN, Direct Connect, CloudHub, Transit GW, Reachability Analyzer, DNS Route 53), AWS IAM, Automated Scaling(ALB/NLB/ELB), AWS Monitoring (CloudTrail, CloudWatch/EventBridge, Config), AWS Security & Compliance(IAM, KMS, CMK, Secret Manager, SSM, SCP, AWS Security Hub, AWS Control Tower and Landing Zones, AWS Security controls, Cloud HSM, WAF, Shield, GuardDuty, Inspector, Config, Macie, SSO, Cognito), WAF(Well Architected Framework), Amazon Detective, AWS Audit Manager, AWS WebServices & Serverless Architecture (Lambda, API, Aurora, DynamoDB, Fargate, ECS (Elastic Container Service), EKS (Elastic Kubernetes Service), Docker & Containers, Disaster Recovery, IaaS(Terraform), SQL/NoSQL DataBase (RDS, Aurora, DynamoDB, Document DB, Neptune, Elasticache, Memcache), API Gateway, Eventbridge, Kinesis, Step Functions, SNS, SQS, Apache Kafka, MQ.

- **Oracle Cloud Infrastructure (OCI) :**
  IAM, Networking, Compute, Storage, Security, Monitoring, Security & Compliance, Observability & Management, Cloud-Native, Micro Services & Serverless Architecture, Design Scalable & Elastic Solutions for High Availability & Disaster Recovery, Autonomous DataBase & DB Systems

- **Security –** AWS Security & IAM, AWS Security Hub(SecHub), AWS SCP (Security Control Policies), AWS Config/CloudTrail, Amazon Code Guru, AWS Certificate Manager, AWS Cognito/CUP/SSO, AWS Audit Manager, OKTA, Azure AD, GCP Identity Center, OPA (Open Policy Agent), OAM/OIM & OCI Security & IAM, BOLT, IDVerify/IForgot, Synopsis Coverity, Sonar Qube.

- AWS Migration Services, AWS Application Discovery Service, AWS Application Migration Service, AWS Database Migration Service, AWS Mainframe Modernization Service, AWS Migration Hub, AWS Server Migration Service, AWS Snow Family, AWS DataSync, AWS Transfer Family, AWS Cloud Engineering, AWS Chaos Engineering using FIS (Fault Injection Simulator), AWS Step Functions, AWS Application Composer, Cloud Endure

- **CI/CD Automations** JENKINS, Ansible, Bitbucket, Artifactory, Terraform, IaC, Cloud Formation

- **Oracle/Siebel CRM Specific Skills :** Siebel Open UI Upgrade, Siebel Architecture, Development, Server Administration, Integration, Siebel Remote, Siebel Anywhere, Analytics

- **RDBMS:** Oracle 19c, Oracle 9i, 10g, 11g, 12c, 19c, DB2, MSSQL, MySQL

- **Languages/Scripting:** Shell Scripting, C, C++, Java, Spring Boot, SQL, Perl, Perl-CGI, Python

- **Web Servers:** APACHE Tomcat, HTTP, SUNONE, OHS, IIS

- **Tools:** AWS Cloudshell/CodeArtifact/ CodeBuild/CodeCommit /CodeDeploy/Cloud9, SNOW, TOAD, Clarify, Cluster VERITAS/Microsoft, , Putty, Telnet, Appworx, SQL, Filezilla, Actuate,

- IBM's QMS (Quality Management System)

- **Load Balancing** using F5/A10/Resonate, Gateway/Veritas Clustering

- **Monitoring** using Splunk, Dynatrace, Kibana

- **OBIEE/BIP** 12c/19c Integration

- **OS:** LINUX (RHEL 5/6/7/8), Oracle Linux, Unix HP, Solaris 8/10, AIX, Windows

- **Project Management** using Agile Methodology, Scrum Master, Kanban, JIRA/Roadmap, Confluence, ProjectManagement.com, Wrike, Smartsheet, Confluence, Kanban, MS Office

Education :

Bachelor of Engineering - Computer Science & Engineering

Visveswaraiah Technological University (VTU) - Bangalore, India

Post Graduate Program in Cloud Computing

McCombs School of Business at The University of Texas at Austin

Professional Experiences :

FEB 2023 – TILL DATE   **REMOTE FROM   ATLANTA,GA**

Senior Architect   -   AEP (American Electric Power) :

ONE OF THE LARGEST ELECTRIC ENERGY COMPANIES IN THE U.S., POWERS MILLIONS OF HOMES AND BUSINESSES. WORKING TOGETHER WITH THE CUSTOMERS AND COMMUNITIES TO CREATE THE FUTURE OF ENERGY.

- ✓ Responsible for setting the overall direction of the Technical Solution and Implementation of Enterprise Applications while working with Implementation partners
- ✓ Engage with Business Customers & Partners to understand required capabilities, integrating Business knowledge with Technical Solutions.
- ✓ Develop Architectural Artifacts to lead the delivery of a successful implementation
- ✓ Understand Customer Current State. Proactivity drive discovery and understanding of customer IT current state, goals, outcomes, and initiatives across Business, Technical, Operational, and Financial facets.
- ✓ Research industry trends and topics and develop discovery approaches.
- ✓ Develop and lead workshops to drive relevant discovery. Document customer current state to assist customer and sales teams target future state architectures and roadmaps.
- ✓ Experience in Cloud migration technologies including AWS Migration Services, AWS Application Discovery Service, AWS Application Migration Service, AWS Database Migration Service, AWS Mainframe Modernization Service, AWS Migration Hub, AWS Server Migration Service, AWS Snow Family, AWS DataSync, AWS Transfer Family
- ✓ AWS Cloud Engineering, AWS Chaos Engineering using FIS (Fault Injection Simulator), AWS Step Functions, AWS Application Composer, Cloud Endure
- ✓ Activity participate in client account related activities that establish the Solution Architect as a trusted advisor internally and with customers
- ✓ Engage with Technical Stakeholders, and third parties to understand how their systems work
- ✓ Get closer to Business Stakeholders and shaping Solutions that deliver Business outcomes

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- ✓ Build repeatable Mechanisms, Architectures, Solutions, and Playbooks to enable faster, cheaper, predictable, and risk-free workload migrations to AWS & Okta IAM
- ✓ Strategy & Innovation: Articulate Business/Industry fundamentals; understand Regulations and Operational Excellence; familiarity with Business Strategy and trends in the IT Industry (e.g., CI/CD - Continuous Integration (CI) and Continuous Delivery (CD), Github Action, Jenkins.
- ✓ Technology Breadth: Demonstrate Architectural Best Practices applied across a breadth of Technologies to solve Organizational problems, articulate Views/Roadmaps for future Development, and understand the interaction between Infrastructure, Operations, and Development
- ✓ Design, build and Review new CI/CD pipelines using Jenkins, Github Actions and AWS CodeBuild, Code Pipeline, Code Deploy to automate the Software Release Process.
- ✓ Work with the team to drive POCs to completion and organize Technical Workshops and facilitate the sharing of knowledge across Teams
- ✓ Experience transforming and integrating Legacy Applications into Okta IAM applications
- ✓ Define and execute on the Technology Migration Strategy by engaging highly technical teams to define Migration pathways.
- ✓ Application Lifecycle Management & DevOps Automation including CI/CD Pipeline Architecture using tools as Jenkins, Github Actions, Bitbucket, Artifactory.
- ✓ Identity and Security platforms such as IAM (Identity & Access Management), Directory Services,
- ✓ Experience in the area of Software Architectures and Cyber Security, IAM , not limited to SSO, Oauth, SAML, AD & ADFS, MFA, Privileged Access Management and Authorization
- ✓ Understanding of Identity and Access Management in an Enterprise and Hybrid Environments, and Frameworks and Cloud Security best practices
- ✓ Evangelize analytics business solutions and Supply Chain Optimization and technical solutions for streaming (Kinesis), visualization (Quicksight), and Data Lake (Glue), BigData (EMR), Search (OpenSearch)
- ✓ Experience with (AWS) cloud services frequently leveraged with security controls (e.g. VPC, IAM, Identity Center, Cognito, CloudTrail, GuardDuty, CloudWatch, Inspector, Detective, AWS Secrets Manager, KMS, Config, Conformance Packs, Macie, etc.)
- ✓ Implement and validate Cloud security controls for Cloud platform (mainly on AWS and also on OCI/GCP) using Control Tower and Landing Zones
- ✓ Maintain Vulnerability management and Cloud Security Posture management integrations (Security Hub, SecHub, Defender for Cloud, Security Command Center,etc.)
- ✓ Automation using Infrastructure as a code (Iac) to manage network resources using Terraform or Cloud Formation
- ✓ Implement AWS Secrets Manager to manage, retrieve, and rotate database credentials, application credentials, OAuth tokens, API keys, and other secrets throughout their lifecycles.
- ✓ Implemented static code review tool using Amazon CodeGuru for static analysis
- ✓ Designed and built end-to-end AWS DevSecOps CI/CD pipeline ie. Code Pipeline (CodeCommit, Code Build(SCA,SAST), Code Deploy, CodeBuild(DAST), Code Deploy) with open source SCA, SAST and DAST tools.
- ✓ Utilized an SCA tool (OWASP Dependency-Check) and SAST tool (SonarQube/PHPStan) and DAST Tool(OWASP Zed Attack Proxy) for CodeBuild scans on the code.
- ✓ For vulnerabilities either from SCA analysis or SAST analysis, utilized CodeBuild to invoke the Lambda function to the results into AWS Security Finding Format (ASFF) and posts it to Security Hub.
- ✓ AWS SNS, Cloudwatch Events, Amazon CloudWatch Logs and Parameter Store were also used in the Code Pipeline Architecture.
- ✓ Engaged CloudTrail to track the API calls and send notifications on critical events on the pipeline and CodeBuild projects, such as UpdatePipeline, DeletePipeline, CreateProject, and DeleteProject, for auditing purposes.

- Excercised AWS Config to track all the configuration changes of AWS services while using following rules for security best practices ie AWS_ACCESS_KEY_ID, AWS_SECRET_ACCESS_KEY and CODEBUILD_PROJECT_ENVVAR_AWSCRED_CHECK.
- Migrated CI/CD build pipelines for Jenkins to Github Action for IDverify/IForgot.
- Leveraged Synopsis Coverity (migrated from Sonar Qube) for scanning vulnerability on the Github Action codes for IDverify/IForgot.
- Good knowledge of Network Security products, Network/Application Firewalls, Web Application Architecture and a good understanding of Internet technologies like DNS, HTTP, and HTTPS
- Assess Requirements and Defines Solution options to best fit the needs of the Business. Identifies gaps and workarounds or system changes when required.
- Research and recommend innovative, and where possible automated approaches for System Administration tasks
- Oversee your team to ensure Projects are completed on time and to specifications
- Delegate work and assignments to team members based on expertise, work experience and time constraints
- Lead an interdepartmental team to complete assigned projects on time, to specifications, and with accuracy and efficiency

JUN 2017 - FEB 2023   **ATLANTA,GA   & GAITHERSBURG,MD**

Senior Architect   -   APOLIS

- **APR 2020 – FEB 2023 :   CLIENT   -   VERIZON TELECOM/TELEMATICS/MARKETING**
VERIZON TELEMATICS HAS CRM EAUTOMOTIVE, CALLCENTER AND MARKETING FOR OEM PROJECT & ALSO ECOMMUNCATION AND CALLCENTER THEIR APPLICATIONS MAJORLY.

- **JUN 2017 – APR 2020 :   CLIENT   -   MARRIOTT INTERNATIONAL**
                                        VENDOR   -   IBM US
MARRIOTT INTERNATIONAL EXTENSIVELY USES HOSPITALITY, SALES, CALLCENTER, GROUP SALES EVENTS PROJECTS THAT INCLUDES VERTICALS AS CI, OASIS & MYSTIQUE AND CI MERGE INTO THE STARWOODS BUSINESS.

SUMMARY OF WORK FOR MARRIOT AND VERIZON :

- Responsible for setting the overall direction of the Technical Solution and Implementation of Enterprise Applications
- Engage with Business Customers & Partners to understand required capabilities, integrating Business knowledge with Technical Solutions.
- Develop Architectural Artifacts to lead the delivery of a successful implementation
- Engage with Technical Stakeholders of the Client and third parties to understand how their systems work
- Understand Customer Current State. Proactivity drive discovery and understanding of customer IT current state, goals, outcomes, and initiatives across Business, Technical, Operational, and Financial facets.
- Research industry trends and topics and develop discovery approaches.
- Develop and lead workshops to drive relevant discovery. Document customer current state to assist customer and sales teams target future state architectures and roadmaps.

- ✓ Experience in Cloud migration technologies including AWS Migration Services, AWS Application Discovery Service, AWS Application Migration Service, AWS Database Migration Service, AWS Mainframe Modernization Service, AWS Migration Hub, AWS Server Migration Service, AWS Snow Family, AWS DataSync, AWS Transfer Family
- ✓ AWS Cloud Engineering, AWS Chaos Engineering using FIS (Fault Injection Simulator), AWS Step Functions, AWS Application Composer, Cloud Endure
- ✓ Activity participate in client account related activities that establish the Solution Architect as a trusted advisor internally and with customers
- ✓ Implement and validate Cloud security controls for Cloud platform (mainly on AWS and also on OCI/GCP) using Control Tower and Landing Zones
- ✓ Maintain Vulnerability management and Cloud Security Posture management integrations (Securit Hub, SecHub, Defender for Cloud, Security Command Center,etc.)
- ✓ Automation using Infrastructure as a code (Iac) to manage network resources using Terraform or Cloud Formation
- ✓ Activity participate in client account related activities that establish the Solution Architect as a trusted advisor internally and with customers
- ✓ Get closer to Business Stakeholders and shaping Solutions that deliver Business outcomes
- ✓ Years of experience in Cloud Transformation (SaaS/PaaS/IaaS) using AWS or OCI
- ✓ Ensure success in Building and Migrating Applications, Software and Services onto the AWS Platform
- ✓ Evangelize analytics business solutions and Supply Chain Optimization and technical solutions for streaming (Kinesis and Kafka), visualization (Quicksight), and Data Lake (Glue and Lake Formation), BigData (EMR), Search (OpenSearch)
- ✓ Experience with (AWS) cloud services frequently leveraged with security controls (e.g. VPC, IAM, Identity Center, Cognito, CloudTrail, GuardDuty, CloudWatch, Inspector, Detective, Secrets Manager, KMS, Config, Conformance Packs, Macie, etc.)
- ✓ Experience Solution Architecting, Orchestration, Enhancements, installations, deployment, monitoring and supporting ECS (Elastic Container Service) cluster, Docker containers and EKS (Elastic Kubernetes Service), Openshift, Docker Swarm in on-premises and Cloud infrastructure.
- ✓ Implement AWS Secrets Manager to manage, retrieve, and rotate database credentials, application credentials, OAuth tokens, API keys, and other secrets throughout their lifecycles.
- ✓ Implemented static code review tool using Amazon CodeGuru for static analysis
- ✓ Designed and built end-to-end AWS DevSecOps CI/CD pipeline ie. Code Pipeline (CodeCommit, Code Build(SCA,SAST), Code Deploy, CodeBuild(DAST), Code Deploy) with open source SCA, SAST and DAST tools.
- ✓ Utilized an SCA tool (OWASP Dependency-Check) and SAST tool (SonarQube/PHPStan) and DAST Tool(OWASP Zed Attack Proxy) for CodeBuild scans on the code.
- ✓ For vulnerabilities either from SCA analysis or SAST analysis, utilized CodeBuild to invoke the Lambda function to the results into AWS Security Finding Format (ASFF) and posts it to Security Hub.
- ✓ AWS SNS, Cloudwatch Events, Amazon CloudWatch Logs and Parameter Store were also used in the Code Pipeline Architecture.
- ✓ Engaged CloudTrail to track the API calls and send notifications on critical events on the pipeline and CodeBuild projects, such as UpdatePipeline, DeletePipeline, CreateProject, and DeleteProject, for auditing purposes.
- ✓ Excercised AWS Config to track all the configuration changes of AWS services while using following rules for security best practices ie AWS_ACCESS_KEY_ID, AWS_SECRET_ACCESS_KEY and CODEBUILD_PROJECT_ENVVAR_AWSCRED_CHECK.
- ✓ Build repeatable Mechanisms, Architectures, Solutions, and Playbooks to enable faster, cheaper, predictable, and risk-free workload migrations to AWS

- ✓ Capture, Learn, Guide and Share Best-Practice Knowledge amongst the AWS Solutions Architect Community
- ✓ Strategy & Innovation: Articulate Business/Industry fundamentals; understand Regulations and Operational Excellence; familiarity with Business Strategy and trends in the IT Industry (e.g., CI/CD - Continuous Integration (CI) and Continuous Delivery (CD), IoT – Internet of Things, Predictive Analytics, ML - Machine Learning)
- ✓ Technology Breadth: Demonstrate Architectural Best Practices applied across a breadth of Technologies to solve Organizational problems, articulate Views/Roadmaps for future Development, and understand the interaction between Infrastructure, Operations, and Development
- ✓ Experience Architecting a wide range of AWS solutions including Migrations/Upgrade, Cloud-Native Applications, Microservices or Data Streaming.
- ✓ Design, build and Review new CI/CD pipelines using Jenkins and AWS CodeBuild, Code Pipeline, Code Deploy to automate the Software Release Process.
- ✓ Work with the team to drive POCs to completion and organize Technical Workshops and facilitate the sharing of knowledge across Teams
- ✓ Experience transforming Legacy Applications into Cloud-Native applications with Data Protection (Encryption, Masking)
- ✓ Define and execute on the Technology Migration Strategy by engaging highly technical teams within AWS (other Solutions Architects, Consultants, Technical Account Managers and consulting/managed services partners) to define Migration pathways.
- ✓ Experience in Application Lifecycle Management (ALM) & DevOps Automation including CI/CD Pipeline Architecture using tools as Jenkins, Bitbucket, Artifactory, Terraform, CodePipeline.
- ✓ Understanding of Docker and Container Orchestration Platforms including Kubernetes and EKS
- ✓ Experience Architecting and Delivering custom Production Enterprise Applications on AWS
- ✓ Knowledge of Modern System Integration. Messaging Services & Analytics Services like API Gateway, Eventbridge, Kinesis, Step Functions, SNS, SQS, Elastic Search Service, Apache Kafka
- ✓ Experience with Identity and Security platforms such as IAM (Identity & Access Management), Directory Services, AD Connector, Config, GuardDuty, Inspector, and Security Hub
- ✓ Knowledgeable in AWS Platform Data services such as Redshift, Dynamo, S3, and RDS
- ✓ Experience performing AWS Well Architected Framework reviews and other similar Environment evaluations
- ✓ Knowledge of Serverless & Micro-Service Management using Lambda, API, Aurora, DynamoDB, Fargate, ECS (Elastic Container Service), EKS (Elastic Kubernetes Service), Docker & Containers
- ✓ Experience in the area of Software Architectures and Cyber Security, IAM , not limited to SSO, Oauth, SAML, AD & ADFS, MFA, Privileged Access Management and Authorization
- ✓ Product Expertise with OKTA, OAM (Oracle Access Manager), OIM (Oracle Identity & Access Management), PAM (Privilege Access Management), IAM (Identity & Access Management)
- ✓ Oversee Build, Configuration, and Architecture of one or more Privileged Access Management Platforms such as OKTA, OAM, OIM, Secrets Management
- ✓ Understanding of Identity and Access Management in an Enterprise and Hybrid Environments, and Frameworks and Cloud Security best practices
- ✓ Good knowledge of Network Security products, Network/Application Firewalls, Web Application Architecture and a good understanding of Internet technologies like DNS, HTTP, and HTTPS
- ✓ Experience with AWS Managed Services, Infrastructure Automation, Capacity Monitoring/Automated Scaling(eg. ALB/NLB/ELB) and Resiliency solutions
- ✓ Experience in AWS Compute like EC2, ASG, Lambda, Beanstalk or ECS Fargate
- ✓ Well versed with AWS Storage services like S3, EBS, EFS, Instance Store, Glacier/Archive, FSx
- ✓ Experience in AWS Monitoring services like CloudTrail, CloudWatch/EventBridge, Config
- ✓ Exposure to RDBMS/SQL/NoSQL Database like RDS, Aurora, DynamoDB, Document DB, Neptune, ElastiCache and MemCache

- ✓ Implement AWS Security concepts including - IAM, KMS, CMK, Secret Manager, SSM, SCP, Security controls, Cloud HSM, WAF, Shield, GuardDuty, Inspector, Config, Macie, SSO, Cognito
- ✓ Oversee AWS Networking implementations - VPC, NAT GW, IGW, NACL, SG, VPC Peering, VPC Endpoints (AWS PrivateLink), Flow Logs, Site-to-Site VPN, Direct Connect, CloudHub, Transit GW, Reachability Analyzer, Route 53/DNS
- ✓ Perform Oracle Cloud Infrastructure (OCI) based POCs on Cloud Migrations – IAM, Networking, Compute, Storage, DB, Monitoring
- ✓ Experience with OCI Compute Instances (VM/BM/Dedicated VM Hosts), BYOI, Auto Scaling, Instance Pool/Instance Configuration, OS Management
- ✓ Oversee OCI API Gateway, Container Registry, OKE, Serverless Architecture/Functions, Streaming/Events
- ✓ Well versed with OCI Storage (Boot/Block/File/Object/Archive), Backup/Clone/Retention/Lifecyle Management
- ✓ Exposure to DB & Managing DB Systems, Security & Monitoring, DataGuard, GoldenGate, MySQL/NoSQL
- ✓ Experience with OCI IAM (Compartments, Policies, ACL, Dynamic Groups & Advanced Policies)
- ✓ Good knowledge of OCI Networking (VCN, Subnets, IG/NAT/SG/SL/NSG/DRG, Application & Network LB, Peering, DNS/Zones, VPN(IPSec/CPE/DRG), Fast Connect, Network Visualizer
- ✓ OCI Security (Cloud Guard/Security Zone/Advisor/Vulnerability Scan (CVE/CIS), Vault(Key Management)/Wireless Application Firewall(WAF), Bastion, Federation
- ✓ Implement OCI Monitoring/Logging & Analytics/Events/Notification & Performance Monitoring
- ✓ Ensure Disaster Recovery RTO/RPO Plans and Solutions are in place and updated.
- ✓ Plan, build, enhance and manage Oracle CRM Siebel Software Applications, OBIEE for Client Businesses.
- ✓ Ability to Lead the Identification, Development and Implementation of process and system improvements in functional area of responsibility
- ✓ For a Project, also utilized OPA (Open Policy Agent), an open source general purpose policy engine to decouple policy decisions from other responsibilities of an application, like those commonly referred to as business logic, in making decisions for Kubernetes, Microservices, functional application authorization using its single unified policy language.
- ✓ Engage with Business Customers & Partners to understand required capabilities, integrating Business knowledge with Technical Solutions.
- ✓ Plan & Lead ETE complete Migration/Upgrade cycle of Oracle Siebel CRM Open UI upgrades to IP2017-22 to OnPremise & Hybrid Cloud
- ✓ Analyze and Perform recommended Performance Tunings & Customizations.
- ✓ Strategies QA Testing Tools/Test cases planning and setup with QA/Testing team.
- ✓ Provide Architectural Assessments, Strategies, Gap Analysis and Roadmaps for one or more Technology Domains.
- ✓ Assess Requirements and Defines Solution options to best fit the needs of the Business. Identifies gaps and workarounds or system changes when required.
- ✓ Research and recommend innovative, and where possible automated approaches for System Administration tasks
- ✓ Comprehensive understanding of Integration of Applications involving Design and development of custom Web Services using EAI, Workflows and utilizing WSDL/SOAP/Rest APIs
- ✓ Oversee your team to ensure Projects are completed on time and to specifications
- ✓ Delegate work and assignments to team members based on expertise, work experience and time constraints
- ✓ Lead an interdepartmental team to complete assigned projects on time, to specifications, and with accuracy and efficiency
- ✓ Conduct Cost Analysis, Estimating expected costs for the Project
- ✓ Prepare and implement a Budget based on the estimates

- ✓ Conduct Risk Assessments: Reports identified Risks to higher Management; provide recommendations for mitigation of risk (including termination of the Project if appropriate)
- ✓ Address questions, concerns, and/or complaints throughout the project
- ✓ Act as a Liaison between Company, Customers, and Vendors
- ✓ Prepare Project Scope and supervise ScrumMaster for Agile Methodologies, JIRA, Confluence, Scrum, Kanban & also Waterfall Methodology.
- ✓ Review with Scrum Master on gathering and prioritize stories, perform backlog refinement , do day standups , sprint review and retrospective.
- ✓ Tracked daily progress of the Sprint work by using different Agile metrics viz., Sprint Burn down, Sprint Burn up and Velocity Chart.
- ✓ Act as SME & Technical Advisor in order to ensure a uniform and consistent delivery of services to the broader organization

JAN 2015 TO JUN 2017   JERSEY CITY,NJ & ALPHARETTA,GA

Technology Architect & Lead Consultant   -   INFOSYS

- ▪ **CLIENT   :   HORIZON BCBS**
HORIZON BLUE CROSS BLUE SHIELD USES UCSW AND SMA APPLICATIONS FOR ITS HEALTHCARE, INSURANCE, CALL CENTER, SALES AND FINANCE BASED APPLICATIONS RESPECTIVELY.

- ▪ **CLIENT   :   VERIZON AUTOMOTIVE/TELEMATICS/TELECOM**
VERIZON TELEMATICS HAS CRM EAUTOMOTIVE, CALLCENTER AND MARKETING FOR OEM PROJECT & ALSO ECOMMUNCATION AND CALLCENTER THEIR APPLICATIONS MAJORLY.

- ✓ Develop Architectural Artifacts to lead the delivery of a successful implementation
- ✓ Years of experience in Cloud Transformation (SaaS/PaaS/IaaS) using OCI (Oracle Cloud Infrastructure)
- ✓ Provide Architectural Assessments, Strategies, and Roadmaps for one or more Technology Domains
- ✓ Strategy & Innovation: Articulate Business/Industry fundamentals; understand Regulations and Operational Excellence; familiarity with Business Strategy and trends in the IT Industry (e.g., CI/CD, IoT, Predictive Analytics
- ✓ Understand Customer Current State. Proactivity drive discovery and understanding of customer IT current state, goals, outcomes, and initiatives across Business, Technical, Operational, and Financial facets.
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- ✓ AWS Cloud Engineering, AWS Chaos Engineering using FIS (Fault Injection Simulator), AWS Step Functions, AWS Application Composer, Cloud Endure

- ✓ Experience Solution Architecting, Orchestration, Enhancements, installations, deployment, monitoring and supporting ECS (Elastic Container Service) cluster, Docker containers and EKS (Elastic Kubernetes Service), Openshift, Docker Swarm in on-premises and Cloud infrastructure.
- ✓ Activity participate in client account related activities that establish the Solution Architect as a trusted advisor internally and with customers
- ✓ Technology Breadth: Demonstrate Architectural Best Practices applied across a breadth of Technologies to solve Organizational problems, articulate Views/Roadmaps for future Development, and understand the interaction between Infrastructure, Operations, and Development
- ✓ Experience Architecting a wide range of OCI solutions including Migrations/Upgrade, Cloud-Native Applications, Microservices or Data Streaming.
- ✓ Work with the team to drive POCs to completion and organize Technical Workshops and facilitate the sharing of knowledge across Teams
- ✓ Experience transforming Legacy Applications into Cloud-Native applications with Data Protection (Encryption, Masking)
- ✓ Evangelize analytics business solutions and Supply Chain Optimization and technical solutions for streaming (Kinesis and Kafka), visualization (Quicksight), and Data Lake (Glue and Lake Formation), BigData (EMR), Search (OpenSearch)
- ✓ Define and execute on the Technology Migration Strategy by engaging highly technical teams within OCI (other Solutions Architects, Consultants, Technical Account Managers and consulting/managed services partners) to define Migration pathways.
- ✓ Product Expertise with OKTA, OAM (Oracle Access Manager), OIM (Oracle Identity & Access Management), PAM (Privilege Access Management), IAM (Identity & Access Management)
- ✓ Experience with OCI Compute Instances (VM/BM/Dedicated VM Hosts), BYOI, Auto Scaling, Instance Pool/Instance Configuration, OS Management
- ✓ Oversee OCI API Gateway, Container Registry, OKE, Serverless Architecture/Functions, Streaming/Events
- ✓ Experience with OCI Managed Services, Infrastructure Automation, Capacity Monitoring/Automated Scaling and Resiliency solutions
- ✓ Well versed with OCI Storage (Boot/Block/File/Object/Archive), Backup/Clone/Retention/Lifecyle Management
- ✓ Exposure to DB & Managing DB Systems, Security & Monitoring, DataGuard, GoldenGate, MySQL/NoSQL
- ✓ Experience with OCI IAM (Compartments, Policies, ACL, Dynamic Groups & Advanced Policies)
- ✓ Good knowledge of OCI Networking (VCN, Subnets, IG/NAT/SG/SL/NSG/DRG, Application & Network LB, Peering, DNS/Zones, VPN(IPSec/CPE/DRG), Fast Connect, Network Visualizer
- ✓ OCI Security (Cloud Guard/Security Zone/Advisor/Vulnerability Scan (CVE/CIS), Vault(Key Management)/Wireless Application Firewall(WAF), Bastion, Federation
- ✓ Implement OCI Monitoring/Logging & Analytics/Events/Notification & Performance Monitoring
- ✓ Ensure Disaster Recovery RTO/RPO Plans and Solutions are in place and updated.
- ✓ Ability to Lead the Identification, Development and Implementation of process and system improvements in functional area of responsibility
- ✓ Engage with Business Customers & Partners to understand required capabilities, integrating Business knowledge with Technical Solutions.
- ✓ Plan & Lead Dev/Admin/Test Teams for Oracle Siebel CRM/OBIEE Open UI upgrades to IP2014/16 & IP2017
- ✓ Analyze and Perform recommended Performance Tunings & Customizations.
- ✓ Create and Review Architecture and Solution Design Artifacts to meet Business Requirements.
- ✓ Assess Requirements and Defines Solution options to best fit the needs of the Business. Identifies gaps and workarounds or system changes when required.

- ✓ Proficient in Requirement gathering from Business and follow Agile Methodologies, Scrum & Kanban & also Waterfall Methodology.
- ✓ Assist in the determination of the justification for investment where needed and work with Management on allocating Resources.
- ✓ Act as SME & Technical Advisor in order to ensure a uniform and consistent Delivery of Services to the broader Organization
- ✓ Investigate/troubleshoot potential issues and prepare RCA (Root Cause Analysis) Report
- ✓ Oracle Cloud Infrastructure (OCI) – IAM, Networking, Compute, Storage, DB, Monitoring
- ✓ Assess Requirements and Defines Solution options to best fit the needs of the Business. Identifies gaps and workarounds or system changes when required.
- ✓ Proficient in Requirement gathering from Business and follow Agile Methodologies, Scrum & Kanban & also Waterfall Methodology.
- ✓ Research and recommend innovative, and where possible automated approaches for System Administration tasks
- ✓ Comprehensive understanding of Integration of Applications involving Design and development of custom Web Services using EAI, Workflows and utilizing WSDL/SOAP/Rest APIs
- ✓ Provides domain expertise on the functionality of the systems. Responsible for figuring out the appropriate setup/configurations of software where requirements can be met without custom development.
- ✓ Collaborating/Partner with other teams including Enterprise Testing, Release Planning and Management, Development & Project Management
- ✓ Research and recommend innovative, and where possible automated approaches for System Administration tasks
- ✓ Comprehensive understanding of Integration of Applications involving Design and development of custom Web Services using EAI, Workflows and utilizing WSDL/SOAP/Rest APIs
- ✓ To Organize, Manage, and Plan complex Projects for our Research, Development and Product Implementation efforts
- ✓ Oversee your team to ensure projects are completed on time and to specifications
- ✓ Delegate work and assignments to team members based on expertise, work experience and time constraints
- ✓ Lead an interdepartmental team to complete assigned projects on time, to specifications, and with accuracy and efficiency
- ✓ Conduct cost analysis, estimating expected costs for the project
- ✓ Prepare and implement a budget based on estimates
- ✓ Conduct risk assessments: reports identified risks to management; provide recommendations for mitigation of risk (including termination of the project if appropriate)
- ✓ Address questions, concerns, and/or complaints throughout the project
- ✓ As Scrum master gathering and prioritize stories, perform backlog refinement , do daily standups , sprint review and retrospective.
- ✓ Track daily progress of the Sprint work by using different agile metrics viz., Sprint Burn down, Sprint Burn up and Velocity Chart.

Senior Consultant   -   ARMO Consultant LLC.

- **CLIENT**   -   **HAWAII HCS**
  VENDOR   -   **KPMG**

KPMG HAS PUBLIC SECTOR APPLICATIONS FOR ITS PUBLIC AND SALES BASED APPLICATIONS FOR 20000 USERS WORKING ON THE APPLICATION FOR END CLIENT HAWAII HCS, PROVIDING THIRD PARTY ADMINISTRATION (TPA) SERVICES FOR RETIREMENT, HEALTH AND WELFARE BENEFIT PLANS.

- ✓ Provide Architectural Assessments, Strategies, and Roadmaps for one or more Technology Domains
- ✓ Plan & Lead Dev/Admin/Test Teams for Oracle Siebel CRM/OBIEE Open UI upgrades to IP2014/16 & IP2017
- ✓ Act as SME & Technical Advisor in order to ensure a uniform and consistent Delivery of Services to the broader Organization
- ✓ System and Solution analysis, Architecture Design, Administration, Integration and Development of Applications
- ✓ Coordinate on the deliverables with all stakeholders.
- ✓ Research and recommend innovative, and where possible automated approaches for System Administration tasks
- ✓ Comprehensive understanding of Integration of Applications involving Design and development of custom Web Services using EAI, Workflows and utilizing WSDL/SOAP/Rest APIs.
- ✓ Projects also involved Integration with various Interfaces and BIP/OBIEE 11g/12c setup, Upgrade & Support
- ✓ Translate the Business & Sales Lead to Cash requirements using Oracle/Salesforce CPQ & ERP based technical specifications.
- ✓ Working on Production Releases thru CRs and issues during Defect Testing & Data Migration phases
- ✓ Proficient in Requirement gathering from Business and follow Agile Methodologies, Scrum & Kanban & also Waterfall Methodology.

Senior Consultant / IBM

CLIENTS   :

▪   **NETAPP :** NETAPP HAS APPLICATION FOR SUPPORTING ITS SALES, CALLCENTER, FINANCE, QUOTE, ORDER MANAGEMENT AND PRODUCT MANGEMENT BASED CUSTOMEREDGE AND PARTNEREDGE APPLICATION FOR OVER 14000 USERS CONTINUOUSLY WORKING ON MULTINATIONAL STORAGE AND DATA MANAGEMENT OFFERING SOFTWARES, SYSTEMS AND SERVICES TO MANAGE AND STORE DATA, INCLUDING ITS PROPRIETARY DATA ONTAP OPERATING SYSTEM.

▪   **AT&T   :** AT&T USES CRM APPLICATIONS FOR SUPPORTING TELECOM, ECOMMUNICATIONS, SALES, CALLCENTER BASED APPLICATIONS FOR ITS VAST USERS FOR PROVIDING INTERNET TELECOMMUNICATIONS AND PROFESSIONAL SERVICES TO BUSINESSES, CONSUMERS AND GOVERNMENT AGENCIES.

▪   **LOWES :** LOWES HAS APPLICATIONS FOR ITS SALES AND CALL CENTER BUSINESS USERS AND PARTNERS OF USERS WORKING FOR ITS BUSINESS IN HOME IMPROVEMENT, CORPORATE, IN-STORE AND DISTRIBUTION CENTER .

- ✓ Assess Requirements and Defines Solution options to best fit the needs of the Business.
- ✓ Plan & Lead Dev & Admin Team on four complete cycle of Oracle Siebel CRM Open UI upgrades of IP2011/14/16 and OBIEE Integration/Upgrades.
- ✓ End to End Upgrade Process Automation using Jenkins/CICD via shell scripts & APIs.
- ✓ Analyze and Perform recommended Performance Tunings & Customizations.
- ✓ Provide Architectural Assessments, Strategies, and Roadmaps for one or more Technology Domains.
- ✓ Create and Review Architecture and Solution Design Artifacts to meet Business Requirements.
- ✓ Assess Requirements and Defines Solution options to best fit the needs of the Business. Identifies gaps and workarounds or system changes when required.
- ✓ Proficient in Requirement gathering from Business and follow Agile Methodologies, Scrum & Kanban & also Waterfall Methodology.
- ✓ Assist in the determination of the justification for investment where needed and work with Management on allocating Resources.
- ✓ Provides domain expertise on the functionality of the systems. Responsible for figuring out the appropriate setup/configurations of software where requirements can be met without custom development.
- ✓ Collaborating/Partner with other teams including Enterprise Testing, Release Planning and Management, Development & Project Management
- ✓ Research and recommend innovative, and where possible automated approaches for System Administration tasks
- ✓ Comprehensive understanding of Integration of Applications involving Design and development of custom Web Services using EAI, Workflows and utilizing WSDL/SOAP/Rest APIs
- ✓ Experience in CRM Siebel to Salesforce Migration.
- ✓ Act as SME & Technical Advisor in order to ensure a uniform and consistent Delivery of Services to the broader Organization
- ✓ Investigate/troubleshoot potential issues and prepare RCA (Root Cause Analysis) Report
- ✓ Oracle Cloud Infrastructure (OCI) – IAM, Networking, Compute, Storage, DB, Monitoring
- ✓ Experience with OCI Compute Instances (VM/BM/Dedicated VM Hosts), BYOI, Auto Scaling, Instance Pool/Instance Configuration, OS Management

- ✓ Experience with OCI Managed Services, Infrastructure Automation, Capacity Monitoring/Automated Scaling and Resiliency solutions
- ✓ Well versed with OCI Storage (Boot/Block/File/Object/Archive), Backup/Lifecyle Management
- ✓ Exposure to DB & Managing DB Systems, DataGuard, GoldenGate, MySQL/NoSQL
- ✓ Experience with OCI IAM (Compartments, Policies, ACL, Dynamic Groups & Advanced Policies)
- ✓ Good knowledge of OCI Networking (VCN, Subnets, IG/NAT/SG/SL/NSG/DRG, Application & Network LB, Peering, DNS/Zones, VPN(IPSec/CPE/DRG), Fast Connect, Network Visualizer
- ✓ OCI Security (Cloud Guard/Security Zone/Advisor/Vulnerability Scan (CVE/CIS), Vault(Key Management)/Wireless Application Firewall(WAF), Bastion, Federation
- ✓ Implement OCI Monitoring/Logging & Analytics/Events/Notification & Performance Monitoring
- ✓ Ensure Disaster Recovery RTO/RPO Plans and Solutions are in place and updated.

AUG 2007 TO OCT 2010   BANGALORE, INDIA & DANBURY, CT

Software Engineer / BIRLASOFT

- ▪ **CLIENT** - **GE CAPITAL & GE COMMFIN (COMMERCIAL FINANCE**), ONE OF GE'S LARGEST "GROWTH ENGINES". WITH LENDING PRODUCTS, GROWTH CAPITAL, REVOLVING LINES OF CREDIT, EQUIPMENT LEASING OF EVERY KIND, CASH FLOW PROGRAMS, ASSET FINANCING, AND MORE. ASSIGNED PROJECTS DEALT WITH MUITLPLE BUSINESSES ACROSS THE GLOBE (OVERALL 40 BUSINESS APPLICATIONS AND OVER 200 SERVERS), VENDOR FINANCIAL SERVICES (VFS), COMMERCIAL EQUIPMENT FINANCE (CEF), COMMERCIAL FINANCIAL SERVICES (CFS), HEALTH CARE FINANCIAL SERVICE (HFS), CAPITAL SOLUTION EUROPE (CSE), UNIVERSAL CUSTOMER MASTER (UCM), GENESIS, CAPITAL SOLUTION AMERICA (EFS), FACTO FRANCE, CREDIT WORKFLOW AND FLEET. THERE ARE CALL CENTER, SALES AND FINANCIAL SERVICES APPLICATIONS RUNNING FOR ALL THE DIFFERENT BUSINESSES WITH DIFFERENT VERSIONS OF SIEBEL. APART FROM THAT THERE IS A SIEBEL MARKETING APPLICATION RUNNING IN FOR ONE OF THE BUSINESSES NAMELY CEF AND FLEET.

- ✓ Performed Complete cycle of Oracle Siebel CRM Open UI Upgrades of various Siebel versions 7.7, 7.8. 8.0. 8.1 and OBIEE Integration/Upgrades on Linux/Solaris/Windows OnPremise platforms.
- ✓ System and Solution analysis, Architecture Design, Administration, Integration and Development of Applications
- ✓ Research and recommend innovative, and where possible automated approaches for System Administration and Development activities
- ✓ Comprehensive understanding of Integration of Applications involving Design and development of custom Web Services using EAI, Workflows and utilizing WSDL/SOAP/Rest APIs.
- ✓ Projects also involved Integration with various Interfaces and BIP/OBIEE 11g/12c setup, Upgrade & Support
- ✓ Provide L3/L4 Production Level Support and Investigate/troubleshoot potential issues when needed and prepare RCA (Root Cause Analysis) Report
- ✓ Working on Production Releases thru CRs and issues during Defect Testing & Data Migration phases
- ✓ Code & Repository deployments using provided utilities
- ✓ Infrastructure Stabilization\Reconfiguration for CEF\VFS Production applications for High Availability (HA)
- ✓ Siebel Filesystem Move from a local drive to a SAN disk on Microsoft Cluster.
- ✓ Gateway and other Siebel application server Move from older servers to Siebel Filesystem Move from a local drive to a SAN disk on Microsoft Cluster.

- ✓ Addition of new servers to the enterprise and removing the older servers from the enterprise and making them load balanced on resonate.
- ✓ Batch Box (hosting all the interfaces) Move from older server to new server.
- ✓ Oracle Database upgrade from 9i to 10g.
- ✓ Disaster Recovery (DR) planning for all the business Applications along with successful DR test for CFS and CSE business application.
- ✓ Doing a full fledged DR test with taking Prod application down during the weekends.
- ✓ Maintaining Prod and DR applications in sync with each other and ready for users to be pointed in case of a Disaster
- ✓ Non-Unicode to Unicode Database Conversion in all the CSE business applications.
- ✓ Siebel Sync (PIMSYNC) implementation and setup for Microsoft Outlook.
- ✓ Webserver instance upgrade and Oracle upgrade from 9i to 10g.
- ✓ Datacenter move for CSE Application QA server from London to Budapest.
- ✓ Automation of Daily Health check for Application, SRF and Repository Migration
- ✓ Backup Management to ensure weekly DB and Repository backup
- ✓ System monitoring through Sitescope & Topaz tool, including identifying and solving performance issues.
- ✓ Building Migration Release plan and Active participating in Quarterly Application Release
- ✓ SSO configuration and Implementation in Application.
- ✓ Configuring High Availability Clustering through Microsoft(MCSE) & VERITAS.
- ✓ Configuring High Availability Load Balancing through Resonate/F5/Native.