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Summary

Expertise in Technology, IT strategy, cloud Infrastructure, digital transformation advisory, program management.

Focus area

- Delivery leadership, project management, executive leadership, research in emerging technologies, conversational AI, open source, IT strategy planning & advisory.
- Scaled Agile Framework (SAFe) advocate.
- Re-engineering and technology transformation, Cloud infrastructure design and governance at global scale
- AWS, Azure
- Re-engineering monolith applications to microservices, service mesh, cloud native
- Kubernetes deployment at scale, Kubernetes strategy, administration and migration of Docker EE(Mirantis) to EKS/AKS etc.
- Re-engineering the regional and global governance model, security postures
- Application migration Strategies: "The 6 R's"
- Cloud security, large scale HA application, Multi AZ, Observability, Site Reliability Engineering, SLA, SLI, SLO
- Enterprise architecture, Solution Architecture, Integration, Middle-ware, Web service.
- Technologies, procurement, and technology currency
- DevOps/AIOps Engineering, Multi Cloud, Hybrid cloud
- Cloud FinOps Engineering strategies to optimize cloud usage and refactor existing technology toward effective ways to leverage Cloud-native services.
- Cloud Native Application Development & design, DDD, TDD, BDD, DevSecOps, SOA, micro services,
- Infrastructure as a code (IaC) with Terraform, AWS CDK and Cloud formation template, ARM templates.
- Spring framework. Spring Cloud.
- Global delivery model, technology consulting, management consulting.
- Agile development and transformation, LEAN
- UI migration to one page client-side application.
- Cloud Foundry/AWS/Azure Practitioner/ Classroom trainer
- Hands on in application development, loves keyboard to create solutions from scratch.

Skill set:

Project Management, Leadership, Java, J2EE, Flutter/Dart, Python, Spring boot microservices, Neo4J, Redis, AWS, Azure, MySQL, Angular JS, Bootstrap, Typescript, CloudFormation, Terraform, Hash Corp Vault, Hash Corp, Sentinel, Sleuth, Distributed Tracing/Open Tracing Specification, DevSecOps, ServiceNow, Data Dog, Dynatrace, Splunk, Kubernetes/EKS/AKS/Docker, Pager duty, Honeycomb.io, Envoy proxy, Amelia.ai, Equinix, Express route, Palo alto firewall, Cyber Ark, Venafi, Apptio Cloudability, Cloud Health, shell scripting

Experience



Assistant Vice President – Sr. Principal - Global Cloud Infrastructure

MetLife. Mar 2022 - Present (1 year 5 months)

- Global engineering leadership, regional partnerships and consulting with CIO, CTO, GTO roadmaps.
- Steward and maintain the organization's overall modern architecture vision, strategy, technical skills, contemporary workforce, develop long-term strategy roadmap, enable enterprise architecture. and design principles.

- Review and direct IT strategy ensuring alignment to business outcomes, fostering a culture of collaboration, development, and innovation.
- Maintain architectural metrics, KPIs, advocate technology debt reduction and tech currency.
- Advocating SAFe in global infrastructure projects
- Senior Principal Cloud Architect, primarily functions to recommend global cloud architecture cloud adoption framework standards and to partner Azure Sovereign cloud implementations in APAC regions.
- SME for Automation and Cloud platform Center of Excellence (CoE) and architecture forums
- Vendor relationship management, engineering team augmentation, technology pilots, POC, procurement, service agreement.
- Responsible for next generation global MetLife infrastructure modernization, landing zone optimization, simplifying and modernizing technology infrastructure.
- Present infrastructure solutions to Architecture Review Board (ARB) to validate designs, data flows and security meet ARB design and deployment guidelines.
- Designed Azure AD for Kubernetes RBAC, Privilege Identity management (PIM), Managed Identity solutions for Azure IaC deployments.
- Designed IaC DevOps with Azure, Terraform Cloud, Azure ARM with Azure DevOps and created script abstractions for AWS/Azure cloud (python, shell scripting) IaC automation.
- SME in Azure deployment and writing Terraform IaC configuration such as Azure Container Apps, Azure App Service, Azure Container Instances, Azure Kubernetes Service, Azure Function, Azure Spring Apps
- Multi/hybrid cloud - Azure, AWS, VMware and HCI
- Migrate/Automate applications from Mirantis (Docker EE) to managed Azure Kubernetes Service (AKS)
- Kubernetes RBAC with Azure Active Directory, Istio, NGINX ingress
- Think big and optimize API strategy, API security, Infrastructure as Code and Solution engineering, emerging technologies, and open-source inception etc.
- Expertise in COLO, global networking, express route connectivity zones, firewall and network segmentation
- Enterprise security posture and policy as a code transformation (Sentinel, OPA), Prisma. Kenna Security and Azure policies
- Piloted AIOps features Splunk IT Service Intelligence (ITSI), DataDog Watch Dog anomaly detection for large scale Kubernetes deployment.
- FinOps integration, AWS Cost explorer, ApptIO Cloudability, Azure cost management
- Enhance cloud observability, SLA, SLO and SLI within SRE stack such as Azure Monitor, Splunk Enterprise, DataDog.
- Pilot enterprise Security Information and Event Management (SIEM) integration and agent installation with Azure Kubernetes Service and IBM QRadar.
- Strategist to improve developer experience, shift left paradigm. process and guardrails

Skills:

Datadog · Bitbucket · Terraform · Microsoft Azure · Amazon Web Services (AWS) · AWS IAM. EC2. AWS Direct Connect. ECS/EKS. EC2. ELB. RDS SQL server. S3 Glacier. Solution Architecture · Docker · Azure DevOps · Agile Methodologies · AppDynamics · Kubernetes · Splunk. QRadar. Azure APIM. SonarQube. Azure Storage Accounts. Venafi. Azure DNS. Azure Active Directory. Azure VNet. Azure ExpressRoute, Apptio. Python. Java



Lead Cloud Architect - Banking, Finance and Digital

[Capgemini. Oct 2018 - Mar 2022 \(3 years 6 months\)](#)

- Architectural leadership for one of the biggest asset management organizations(Vanguard), primarily to develop architectural roadmap for their financial platforms, migrating to AWS.
- Lead cloud architect for financial advisory and their strategic SaaS cloud platform, transforming to AWS and their Infrastructure as a Code mission. (AWS CloudFormation, AWS CDK etc)
- Engagement and delivery lead to Fortune 500 banks and leading one of the captive regional units for Capgemini which spans multiple Agile SCRUM teams which include full stack engineers, solution consultants, team managers and designers.
- SPOC of contractual obligations, reporting management, vendor management and managing escalations and SOW.
- SPOC for sales team and enable them to strategic proposals.

- SPOC for post sales technology implementation, deployment, architecture support and service SLA to CTO organization.
- DevOps consultant to CTO to integrate automated testing to build and deploy pipeline to Bamboo and improvements to ECS clusters.
- Service Reliability Engineering (SRE) strategy and planning and created Splunk dashboard, data analytic, visualization and alerting.
- Designed and developed script abstractions for Bamboo pipelines to automate AWS IaC (python, shell scripting)
- Piloted Splunk log aggregation and Kubernetes cluster-level logging (node and sidecar) architectures targeting Amazon Elastic Kubernetes Service (EKS), Splunk connector, Splunk Http Event Collector (HEC) endpoint etc. and scaled automated infrastructure pipelines using helm charts.
- Piloted and automated DataDog Agent installation and configuration with AWS Elastic Kubernetes Service (EKS), AWS EC2, ECS/ ECS Fargate, Helm charts.
- Piloted and automated New Relic and PagerDuty stack and implemented microservice app deployments in AWS Kubernetes ECS Fargate instances.
- Strategic realignment, consulting and rebuild UI/UX team to lead research on micro front end using Angular, Cypress, Material design, Bootstrap and Jasmine
- Responsible for participating and conducting architect forums with client CTO, architects and solution architects.
- Responsible for the Enterprise Shared Service Division's Architecture, KPI, Environments, Configuration management, AWS platform engineering teams within the IT organization (or Capgemini Digital),
- FinOps integration, AWS Cost explorer, tag optimization, VMWare Cloud Health
- Responsible to design and architect API economy (Spring boot and cloud) of the client engineering effort and their cloud migration strategy to AWS, service mesh architecture and microservices
- Responsible for advising and consulting the CCOE to ensure data privacy, enterprise security, AWS backup and storage solutions (EBS, EFS, S3, Glacier, Storage Gateway), cloud security, vulnerability in their AWS platform re-engineering efforts.
- SME in solution engineering with micro service applications which involves AWS Lambda, S3, Route 53, CloudWatch, Cloud Trail, ECS, EC2, API Gateway, AWS Elastic load balancer. AWS Elastic Kubernetes Service, Istio, Security Group, VPC, DynamoDB, RDS SQL Server, SQS etc.

Skills:

Datadog. Bitbucket · Microsoft Azure · Amazon Web Services (AWS) · Solution Architecture · Docker. Agile Methodologies · Program Management · Spring Framework · AngularJS · Microservices · DevOps · Kubernetes · Splunk · New Relic. Cypress. PagerDuty. Amazon API Gateway. AWS ECS/Fargate. JIRA. Bamboo. SonarQube, VMWare CloudHealth, Python



Senior Architect Manager- Cloud & Platform Engineering- Banking, Finance and Digital

Cognizant. Feb 2016 - Oct 2018 (2 years 9 months)

- Architectural leadership primarily to develop architectural roadmap for financial platforms and solution.
- engineering in Cognizant Digital portfolio.
- I played a senior architect role for JPMorgan Chase transforming the home lending credit card transaction and real time payments to AWS and cloud foundry.
- Inside Cognizant, I lead many engagements and delivery to Fortune 500 banks and primarily leading one of the captive regional units for JPMorgan Chase which spans multiple Agile SCRUM teams which include full stack engineers, solution consultants, team managers and designers.
- SPOC of contractual obligations, reporting management, vendor management and managing escalations and SOW.
- SPOC for sales team and enable them to strategic proposals.
- Responsible and lead many transformations and technology adoption for the firm across Mobile, Cloud, Data Science and various other emerging technologies.
- Responsible to do data modeling, lineage & transporting data at scale on Cloud technologies to AWS, Cloud foundry and hybrid deployment model.
- Responsible for planning and managing projects, stakeholders and consulting client architects, client

directors and the solution compliance existing architecture & design, microservices and cloud infrastructure.

- Responsible for consulting chaos engineering at Netflix production scale adopting best standards like Simian Army.
- SME in solution engineering with micro service applications which involves AWS Lambda, S3, CloudWatch, Cloud Trail, ECS, EC2, API Gateway, AWS Elastic load balancer. AWS Elastic Kubernetes Service, Istio, Security Group, VPC etc.
- Piloted AppDynamics agents integrated with Docker Amazon Linux Containers and enhanced payment systems microservices APM capabilities.

Skills:

Bitbucket · Amazon Web Services (AWS) · Java EE. Solution Architecture · Microservices. Docker · DevOps · Kubernetes. AppDynamics. Chaos Engineering. Amazon API Gateway. Java. Python



Lead Technical Architect, Banking and Digital

Accenture. Dec 2013 - Feb 2016 (2 years 3 months)

- Engagement and delivery manager to Citi bank and leading one of the captive regional units which spans multiple Agile SCRUM teams which include full stack engineers, solution consultants.
- SPOC of contractual obligations, reporting management, vendor management and managing escalations and SOW.
- SPOC for sales team, played a role of pre-sale architect and enable them to strategic proposals.
- Technical Consultant and Technical Lead Architect in Accenture Digital especially in Banking and Finance. As a Technical Architect, I have created several financial tools for fraud detection, debt consolidation
- As a technical architect, I have designed several playbooks, proof of concepts, defined enterprise architecture for a large consumer lending portal in Citi bank and consulted multiple application development projects with technical stack J2EE, Spring, Hibernate, Struts, DB2, Oracle, IBM MQ and
- IBM Web sphere application server. I migrated several projects from SVN to IBM RTC and its migration to latest technologies.
- IBM RTC consultant and implemented IBM ALM platforms.
- Big Data analytics - Pilot implementation for financial products in Accenture Digital such as click stream analytics, fraud detection, data deep insights using stack Kafka, Hadoop, Spark and Scala, pig, hive, ELK

Skills:

Bitbucket · Solution Architecture · Docker · Agile Methodologies · Spring Framework



Architect, Banking and Digital

Accenture. Sep 2010 - Dec 2013 (3 years 4 months)

- Architecture leadership to AT&T consumer B2B and B2C eCommerce portal which sell voice, internet, TV bundle plan such as <https://www.att.com/smallbusiness/>
- Designed a custom distributed product catalog and indexing algorithm which deployed into several geographic data centers in AT&T primarily using J2EE, Spring, Cassandra, ATG and Endeca e-commerce. The indexing algorithm addresses the bundle availability and offer price based on zip code. I played a technical lead and architect role primarily refactored a legacy IBM mainframe application to java enterprise application.
- Architecture leadership to AT&T consumer B2B and B2C eCommerce portal which sell voice, internet, TV bundle plan such as <https://www.att.com/smallbusiness/>
- Designed a custom distributed product catalog and indexing algorithm which deployed into several geographic data centers in AT&T primarily using J2EE, Spring, Cassandra, ATG and Endeca e-commerce. The indexing algorithm addresses the bundle availability and offers price based on zip code.
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Skills: Solution Architecture · Java Enterprise Edition. Spring Framework



Senior Software Engineer

Allianz Partners. Feb 2009 - Sep 2010 (1 year 8 months)

- I played primarily Java technical lead and technical SME.
- I designed and developed a BPM portal based on IBM Lombardi, Spring framework, Struts, Bootstrap CSS and JavaScript which enhanced and transformed the claim handling process to more enterprise architecture.
- I piloted an early version of Agile methodology and iterative development approach to several Allianz development teams in the UK, Germany and Ireland.
- I mentored junior programmer analyst and translated business analyst requirements technical designs.
- I closely associated with lead technical architects and senior VPs to plan solutions and architect meetings.



Software Engineer

Enventure Engineering. Jun 2006 - Feb 2009 (2 years 9 months)

- I played a java programmer in product engineering unit of Enventure.
- I researched and heavily contributed to the PDF reader. The prototype is called PokatReader and it is available here http://download.cnet.com/PokatReader/3000-2075_4-10891661.html

Education



Mahatma Gandhi University

Bachelor's degree, Computer Engineering
2002 - 2006

Licenses & Certifications



Oracle certified java programmer - Oracle



Oracle Certified Expert, Java EE Web Component Developer - Oracle



SpringSource, Spring Professional - VMware



AWS Certified solution architect - Associate - Amazon Web Services (AWS)



Pivotal Cloud Foundry Developer - Pivotal Software, Inc.



AWS Certified SysOps Administrator – Associate - Amazon Web Services (AWS)



Microsoft Certified Azure Administrator - Microsoft