

**Amit Kumar**

An aspiring IT professional in an organization that values and uses my abilities to implement technologically sound and manageable solutions to meet business objectives. **Mail**: [amitnmj@gmail.com](mailto:amitnmj@gmail.com) **Phone: +47-46303378**



**Profile Summary**

Over twenty years of niche & rich experience in Information Technology. It covers leading IT Infrastructure Architecture team for design and transformation to Azure, AWS and private clouds, IT Architecture design, continuity solutions design, operations support, Technical Improvement Program Management, Quality Assurance, Data Centre Migrations, Application/ Infrastructure Consolidation, Development of viable IT solutions for organization’s future IT Model (like new requirements, consolidation, refresh of existing infrastructure, hybrid cloud enablement, readiness & migrations), and Disaster Recovery/Business Continuity Management,

As Deputy General Manager in HCL Technologies Ltd, my current role is Lead IT Infrastructure Architect and supporting digital journey and transformation in various verticals like Telecom, Power and Banking. It covers establishing digital foundation platforms in Azure, AWS and on-prem cloud platforms | transformation/migrations to public or private clouds | secure and scalable designs development & deployment | Identify and design new solutions to meet new business requirements as per organization’s architectural vision and strategy | Assessment and review of High Level/Low Level designs, help team during design, deployment, validation and operational stages | supports account management team and SME/Architects

**Key Skills**

* IT Infrastructure Architecture Design | Continuity Architecture Design
* Public (Azure & AWS) & Private cloud services Design | Automation & Standardization | IaC
* IT Infrastructure Assessment | Product evalauation | Quality and Test Assurance



**Career Timeline**

**Insight**

**Computech**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1998-2003** |  | **2003-04** |  | **2004-05** |  | **2005-2010** |  | **Since 2010 – Till Now** |

**Achievements**

**Highlights**

* Successful lead & delivered of Architecture design & Implementation of Digital foundation platform for Telecom, Power and Banking domain in multi-cloud environment Azure, AWS & On-prem cloud platform
* Managed multi-million value program and delivered successfully that includes technical debt reduction through migration to cloud, automation, platform consolidation, & platform lifecycle management.
* Lead & delivered continuity improvement programs for On-Prem Data Centre applications hosted over heterogeneous infrastructure as an Continuity Architect. Infrastructure includes Dell hardware, Solaris hardware, Oracle Exadata, Azure Cloud, various Operating system & databases flavors.

**Attained Certifications**

* Microsoft Azure Architect Technologies (AZ300), AWS Certified Solutions Architect Associate
* TOGAF, Agile Scrum Master-EXIN & Business Continuity Certified Expert
* IBM (Storage, Backup, AIX, HACMP), RHCE 3.0, MCSE

**Data Center Technologies**

* Virtualization: vSphere, KVM, LPAR, Oracle Zones, Docker, & Kubernetes
* Cloud & DevOps: Azure/AWS IaaS & PaaS, Azure DevOps, Ansible, & Terraform Enterprise
* Operating Systems: Windows, Linux, AIX, & Oracle Solaris
* Security Solutions: IAM, Log Management Solution, Key Management Solution,
* Storage & Backup: EMC VMAX/Vplex, DS8700, Data Domain, Commvault, IBM Spectrum Protect, Rubrik, & Cohesity
* Replication Solution: EMC RPA, VTL , Oracle Data Guard, MS-SQL Always ON, Cloud native replication, Zerto

**Professional Experience Summary**

### Organization: HCL Technologies Ltd. Duration: Since March 2010 till the time

**Project Brief:** Transition and Transformationproject that includes design & implementation of 50+ core infrastructure services solution in multi-region Azure public cloud and remote locations. These services split across five product groups IAAS, Network & Security, End User, System Integration & Collaboration.

**Client Description:** Hitachi Energy is a global technology leader that is advancing a sustainable energy future for all. they serve customers in the utility, industry and infrastructure sectors with innovative solutions.

### Role: Lead IT Infrastructure Architect Duration: Since July 2021 till the time

**Key Responsibilities**

* Defining Service based design and helped team to develop documents & implementations.
* Defining architectural & security principle as per Enterprise Architecture and security standards
* Helping SMEs to Design HLDs/LLDs for Azure IaaS & PaaS & On-prem technologies
* Act as an integrator between Account team, Project manager, SMEs & Architects & Escalation Support
* Supports team for successful implementations, applications & IT infrastructure Migrations and Transformation
* Chair/Participate in Architecture Board to review and approve designs

**Project Brief:** Transition and Transformationproject that includes design & implementation of core infrastructure services solution in multi-region AWS, Azure public cloud and On-prem Datacenters. It includes private cloud platform, OpenShift implementation, AWS Operation Plane & Application plane services, IaC platform, Key Management solution, log management solution, monitoring, runbook automation, Storge & Backup solution. Migration from on-prem DCs to AWS public cloud by leveraging re-host and re-platform strategy.

**Client Description:** Ericsson, is a Swedish multinational networking and telecommunications company headquartered in Stockholm. The company has been a major contributor to the development of the telecommunications industry and is one of the leaders in 5G.

**Role:** Lead IT Infrastructure Architect  **Duration:** Since Mar 2020 till June 2021

**Key Responsibilities**

* Solution design, BOM validation, cost benefit analysis for solution procurement
* Product assessment (Storage, Backup, Compute, KMS, Container, Container security, Log Management, Monitoring, DDI, Secret Management) and vendor finalization
* Defining architectural & security principle as per Enterprise Architecture and security standards
* Representing HCL as lead architect in Architecture Review Board & IT Security & Architecture Council
* Design & Develop HLDs for service hosting in AWS & Azure & On-prem technologies
* Act as an integrator between various teams (Account team, Project manager, SMEs, & Architects)
* Supports team for successful implementations, applications & IT infrastructure Migrations and Transformation
* Escalation support

**Project Brief:** Transition and Transformationproject that includes design & implementation of core infrastructure services solution in various geographies’ on-prem datacenters. Application & infrastructure migration & consolidation.

**Client Description:** Nokia, is a Finnish multinational networking and telecommunications company. The company has been a major contributor to the development of the telecommunications industry and provides various products in telecommunications & information technology..

**Role:** IT Infrastructure Architect **Duration:** Since Feb 2019 till Mar 2020

**Key responsibilities:** Responsible for developing high availability solution design for customized LDAP service and migrating legacy applications from NIS to LDAP services. Defining Backup & VMware design principle as per future mode of operations and assessment. Key activities covers

* Scope baselining, migration & cutover plans development
* Defining target state architecture and development of HLD
* Efforts & timeline estimation
* Backup & VMware infrastructure audit
* Escalation Management

**Project Brief:** Transition and Transformationproject that includes design & implementation of core infrastructure services solution in Norway’s on-prem datacenters. Design & Implement continuity solution for 200+ critical applications that were hosted over heterogeneous infrastructure. Change Delivery Organization (CDO) projects that contributed to IT standardization, automation, technical debt reduction and carbon foot print reduction.

**Client Description:** The DNB Group is Norway’s largest financial services group & second largest in the Nordic region in terms of market capitalization. It is also a Leading Investment & Real-Estate Broker in Norway and one of world’s Largest bank in shipping and oil.

**Role:** Continuity Architect & Program Manager **Duration:** Since Feb 2014 till Feb 2019

**Key responsibilities::** As Continuity Architect and Program Portfolio Manager my role covers infrastructure solution design and technical program management of more than seventy projects contributing to enhance the IT landscape of bank’s IT infrastructure and Continuity for bank’s IT infrastructure.

* As an Continuity Architect key responsibility covers
  + Develop designs documents & blueprints
  + Perform Architectural Review and Assessment of existing IT environment
  + Develop and participate in future IT roadmap aligned with organizational strategy
  + Managing Availability/Resiliency of 200+ critical applications since project inception i.e. from business requirements, Scoping, Effort/Resource/Cost estimation, planning, design development, implementation, Test & Handover
  + Supporting presales/sales team for infrastructure solution design, DC Consolidation and BCP/DR projects
  + Product & Solution assessment (Oracle over Linux, Solaris or Exadata, compute, automation, DR automation ) and vendor selection
  + Developing various proposition for refresh and consolidation projects and their cost benefit analysis
  + IT environment assessment to improve availability/resiliency architecture
* Program Manager role covers management of Technical Improvement Projects, Lifecycle Management projects, Information Security Projects. Key activities covers feasibility analysis, requirement gathering, scoping, cost and effort estimation, resource planning, analysis & design, project delivery, portfolio reporting to Steering Group members and HCL executive forum. Few of the key critical projects were
  + Microsoft Server 2016 & RHEL Standard Operating Environment | Digital Workplace
  + Splunk Infrastructure design & rollout | HA & DR improvement | IBM WebSphere Upgrade
  + Windows & Solaris OS upgrades | NTP Improvement

**Projects Brief:** Design & Implementcontinuity solution for various Indian private and government customers across country.

**Key Clients Description:**

**Airtel,** is an Indian multinational telecommunications services company based in New Delhi, India. It operates in 18 countries. It is the second largest mobile network operator in India and the third largest mobile network operator in the world.

**Union Bank of India** is a Indian government-owned bank with 120+ million customers with 9500 branches.

The **Central Board of Direct Taxes (CBDT)** is a part of Department of Revenue in the Ministry of Finance. The CBDT provides inputs for policy and planning of direct taxes in India.

**LeasePlan** is one of the world’s leading leasing companies, with 1.8 million vehicles in over 32 countries. The company manage the entire life cycle of their vehicles, handling everything from purchasing and maintenance

**Role:** Business Continuity Resiliency Services Consultant **Duration:** Since Feb 2014 till Feb 2019

**Key responsibilities:** Worked as continuity Architect for DR solution consulting, designing, implementation, DR plan development and lead cross competencies for DR drill exercises. Single point of contact for all cross competencies for DR solution design & Implementations. Key activities were

* + Understand client’s business requirement and develop Scope of Work
  + Conducting Business Impact Analysis and assessment of application’s availability architecture
  + Understand in-scope business critical applications logical architecture & physical architecture and develop recovery strategy
  + Design DR architecture at technology layers including virtualization, storage, network, OS, database & application
  + DR solution implementation including IT infrastructure readiness, replication solution, network switchover

**Data Center Lead :** To manage and maintain GE Money’s datacenter to ensure availability for service and perform migration of datacenter.

* + Deployment and Management of IBM AIX, HACMP cluster, Microsoft cluster, RedHat Linux, IBM Tivoli Storage Manager, IBM DS8300, brocade SAN switches in Data Centre
  + Zero data loss DR solution implementation for business-critical applications using Metro Global Mirror

**Previous Organizations:**

**Organization:** Wipro Infotech Ltd. **Duration:** Sep 2004 - Sep 2005

**Organization:** ABC  **Duration:** Sep 2004 - Sep 2005

**Organization:** Insight Computech **Duration:** Sep 2004 - Sep 2005

**Role: Senor Support Engineer**

**Key responsibilities:** Technical support for Dell, HP & IBM products servers, storage, backup, Windows & Linux Operating Systems, network switches, routers, network service implementation in windows and RedHat Linux like DNS, Web Server, DHCP, File & Print, Backup management, mail etc.

**Academic:**

1998 Bachelor of Science (Electronics), University of Delhi, India