



Dhiraj Kumar Gupta

Principal Solution Architect



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India 201305



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PROFILE

Over 15 Years of versatile experience in IT. Currently working with Capgemini Technology Solutions as a Principal Solution Architect. As Application, Cloud and IoT Solution architect have Architect and Designed Enterprise grade solutions for various customers across globe. Has Deep Level Expertise with hands-on experience in AWS Services in Applications, IoT, Data, Integration, Analytics & Security Services. Has played role in Solutioning, Architecture, System Design, Microservices and Data Analytics. Has worked in various MNCs for Fortune 500 client's locations including US, Europe & UK in domains like Banking, Telecom, Hospitality & Industrial IoT, Pharma & Insurance. Experience in Serverless solutions, IaaS, DevSecOps methodologies. Have conducted ~200 hours of corporate trainings within my organizations. Developed Solutions on Real Time & Batch analytics, Server Migration Factory Solutions & anomaly detection.



Skills

IoT	<div></div>
Architecture	<div></div>
Data	<div></div>
AI/ML	<div></div>
Java/Node/Python	<div></div>
AWS	<div></div>



EXPERIENCE

Principal Solution Architect Jul 2021 – Present

Capgemini Technology Services India Ltd. - Noida

- Architect Solution on Lift & Shift Server Migration Factory for migration of Large-scale servers from on-prem to AWS Cloud.
- Leading and Large Account by Enforcing Architecture Governance methodologies, Develop Architecture Runway, Outline Architecture principles Adopt industry best practices.
- Develop reusable components, accelerators and automation for Practice Unit.
- Participate in RFP and build PoC/POV/MVP predominantly for Solutioning and Costing.

Senior Technical Architect Oct 2019 - Jul 2021

HCL Technologies Pvt. Ltd. - Noida

- Leading, Designing and Developing Data Management Platform for an Oncology Research organization of US.
- Including Data Ingestion, Web Application, HPC for Executing ML Model, Catalog Management System.
- The platform is a scalable and highly available platform using AWS Glue, Lambda, CKAN, VPC, DynamoDB, S3. Automated it using Terraform and Code Pipelines.
- It is one of a kind of genome sequence analysis and research platform useful for multiple tenants in future like universities and medical institutions.

Dhiraj Kumar Gupta

Solution Architect



Education

Master's in computer application (MCA)	I.E.T Sitapur Road Lucknow	Jun 2003 - May 2006
B.Sc. (Computer Science)	University of Gorakhpur	Jul 2000 - May 2003

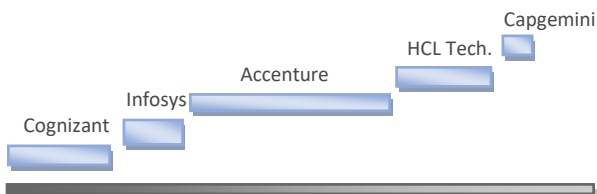


Certifications

AWS Solution Architect Professional	Jan 2021
AWS Solution Architect Associate	Oct 2020
SCJP	Dec 2006
OCWCD	Jan 2008
ITIL L0	July 2013
Managing Technology in Hospitality	Oct 2013



Career



EXPERIENCE.....

Technical Architect July 2018 - Oct 2019

HCL Technologies Pvt. Ltd.- Noida

- Architect Cloud based IoT Solution for industrial Kitchen Equipment Manufacturer. Designed and developed IoT data lake and Device integration solution using AWS IoT Core. Designed Serverless based microservices for data analytics and data processing. It includes AWS IoT Core, AWS Kinesis data stream, AWS CloudFront, AWS API Gateway, AWS Lambda, AWS Cognito, AuroraDB, Automated API deployment CI/CD using CloudFormation scripts.
- Awarded for 100% Compliance on OWASP, PCI, and Cloud Security scan, GDPR.

Technical Lead Jun 2010 – July 2018

Accenture Solutions Pvt. Ltd. – Gurgaon, Pune, Basingstoke(UK)

- Transformed Legacy Monolithic application into Microservices. Designed and Implemented Domain Driven Architecture based micro services into an existing application and migrated them gradually.
- Created Content Management Solution using Adobe AEM as a Headless architecture. Solution features mainly includes Content as a Service making it platform agnostic. Improved and Automated 30% development day to day activities of Authors of AEM thereby improved cost and ROI of the whole engagement, Using AWS and API.AI
- Developed Spring Boot micro services for Container based Applications. Implemented OWASP standard in web-application to avoid critical security vulnerabilities like CSRF, XSS, Broken Authentication, Injection, etc. Develop automation script to secure application using SOAP-UI and Burp and expose vulnerabilities.

Technology Associate Dec 2009 - Jun 2010

Infosys Technologies Pvt. Ltd. - Noida

- Finacle Customization for an African banking client.
- Write Servlets, JSP pages and JSF for new functional requirements

Programmer Analyst Jul 2006 - Jun 2009

Cognizant Technology Solutions Pvt. Ltd.- Pune, Amsterdam (EU)

- online banking application development & maintenance Analyst
- Corporate banking application maintenance and support