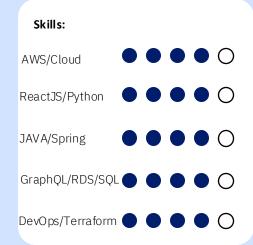


Overview:

4 + Years Onsite UK IBM Experience, Competent professional having over 22 + years of software experience. Skill:AW S Bedrock S3,CF,APIGW, Lambda,EKS,KMS, NLB,ALB, TypeS cript,NodeJs,ReactJS,Python,S pringBoot, Ja va,Terraform. Kuber netes,Docker,RestAPI,SOAP,GraphQL,RDS.Oracle,MySql, Spark,Hadoop,CICD, Jenkin,GenAI,ML,JS,BeanIQ,JMS, WIZAPI



Email: sumadey1@in.ibm.com Slack: <u>@Suman Dey</u>

Mobile: +919860409249

Suman Dey

AWS/FullStack/DevOps Engineer(AWS Bedrock/NodeJS/ReactJS/Java/Spring/Python/Kubernetes/Terraform/Kafka)

https://www.linkedin.com/in/suman-dey-190b42173/ https://www.sumandey.net/ https://www.credly.com/users/suman-dey/badges

Software Professional Experience: 22+ Years



Project Experience:

Project/Client: Syniverse(USA)(Tele com Domain)(July2024-Till Date) Role: Cloud Engineer/DevOps Engineer/Senior Technical Lead Project / Client: :Toyota(USA)(Automotive Domain)(Apr2024-July2024) Role: Cloud Engineer/DevOps Engineer/Senior Technical Lead Technology: Python/AWS/NodeJS/ReactJS/Python/Java/Spring/Graph QL/RDS

Project / Client: AUDI(UK)(Automotive Domain(April2019-April-2024) Role: Cloud Engineer/DevOps Engineer/Senior Technical Lead Technology:

AWS/NodeJS/ReactJS//Python/Java/Spring/GraphQL/RDS/RestAPI Project / Client: DWP(UK)(GOVT Domain)(July-2018-March 2019) Role: Cloud Engineer/DevOps Engineer

Technology:

Java/Docker/BeanIO/Javascript/XML/Spring/Oracle/Terraform **Project / Client: Vodafone (UK) (Telecom Domain**)(Nov 2017 – June 2018)

Role: Cloud Engineer/DevOps Engineer

Technology: Java/ReactJS/SpringBoot/Oracle/JBoss/Terraform/Docker Project / Client: WestPac (Australia)(Banking Domain)(June 2016 – Oct 2017)

Role: Cloud Engineer/DevOps Engineer/Senior Technical Lead Technology: Java,JMS,LISA,Spring Boot,Rest.Soap API, Xml, Oracle,J Boss,Sonar

Qualification:

MasterBusiness Administration(MBA)(Shobhit University)(2012-2015) Bachelor Of Computer Application(BCA)(Institute Of Management & Technical Studies) (2008-2011)

Diploma In Business Programming(Doeacc India) (2003-2005) Diploma ECommerce, JAVA, Web Design Programming SSI LTD(2001) **Key Certification:**

AWS Machine Learning(2024)
Amazon EKS (2024)
AWS Partner: Accreditation (2024)
AWS Partner: Sales
Accreditation (Business) (2024)

5) AWS Knowledge: Cloud Essentials.2024

6) AWS Partner: Generative AI

Essentials (Business) (2024)

7) AWS Partner: Cloud

Economics Accreditation(2023) 8) AWS Certified Cloud

Practitioner(2022)

9) Automotive Insights and Solutions (Silver) from IBM (2020)

10) Application Modernization with watsonx Code Assistant for Z Sales Foundation from IBM

(2024)

11) Watsonx Essentials from IBM (2023)

12) Experienced Cloud

Engineer(IBM)(2020)

13) Principles of Project

Management Certification from Open2Study 2017.

14) Enterprise Architecture (EntrArch) Certification from Open2Study 2017.

15) Certified SAFe® 4 Practitioner from Scaled Agile Inc (2017)

Professional Experience:

- Cloud Solution Senior Technical Consultant at IBM INDIA LTD(BANGALORE) IBM Oct 2022 - Present
- Cloud Service Tech Consultant at IBM UK LTD(London) IBM Jul 2018 - Oct 2022 (4 years 4 months)
- Cloud Service Tech Consultant at IBM INDIA LTD IBM Apr 2015 - Jul 2018 (3 years 4 months)

Technical Lead at Excelacom Technology LTD (India) Excelacom Technologies Oct 2010 - Apr 2015 (4 years 7 months)

Technical Lead at Ebusinessware LTD (Xorient LTD) (India) Xoriant Dec 2006 - Oct 2010 (3 years 11 months)

Senior Java Software Engineer at Saksoft Ltd (India) Saksoft Mar 2004 - Dec 2006 (2 years 10 months)

Java Software Engineer at NIIT Ltd (India) NIIT Technologies Feb 2003 - Feb 2004 (1 year 1 month)

Project Experience:

Project/Domain	Syniverse Technology(Ninja Infrastructure) /Telecom Domain	Project/Domain	TNMA(SFE2.0) /Automotive Domain
Client/Company	Syniverse Technology (USA) / IBM India LTD	Client/Company	Toyota-Motor-North-America (USA) / IBM India LTD
Duration	July 2024 – Till Date	Duration	April 2024 – July 2024
Role	DevOps Engineer / SRE/ NRE /AWS Full Stack Engineer) Develop Terraform,EKS,EC2,CF, APIGW, CW services and automation build CICD pipeline, Managing complete Infrastructure, Creating New Infra and managing all application in Infra Develop and Managing Cluster.Nodes, VPC,Route53 ,CW, APIGW by terraform code.	Role	AWS Fullstack Engineer Technical analysis. Preparing LLD, Design Document. Development of Typescript,NodeJS,Python API, UI development in ReactJS,Javascipt. Deployment in AWS lambda, Terraform,EKS,EC2,CF,
Technology	Terraform, Kubernetes VPC, DynamoDB, Lambda, S3, Glue, CF, EC2, ECS, EKS, Python,	Technology	AWS,ReactJS,Typescript,NodeJS,Python,Java.Spring,VPC,RDS,Lambda,S3,Glue,CF,EC2,ECS,EKS,Kafka
Description	Syniverse (Ninja Infra) project is AWS automation and Infra management project . All different region and servers infra creation and management and opeation by Ninja Infra project. AWS Cloud Infra servers' health, performance, security maintenance and operation maintained by ninja Infra project. As a DevOps/Infra specialist my responsibility to create new Infra servers, manage servers, check all server's performance, security vulnerability fixes by Terraform, Kubernetes code, Create API by python and test API performance in APIGW and deploy the API in Infra by CF CICD to test Infra readiness.	Description	TNMA SFE is Smart Fulfillment Engine project developed to provide the best possible matches of the Toyota car in a region. The Exact_Match,Great_Match,Good_Match will be display on UI screen and API will provide the best possible matches when partner searches the toyota car based on dealer,region,sereis,grade,models year,color.The recommendation engine returns similarity score and Typescript/Python API capture all the car information as response and NSO and other parter UI consume the Typescript/Python API to display all the cars models information on UI.
Project/Domain	AUDI Digital (audi.co.uk) /Automotive Domain	Project/Domain	DWP Integration(ADEP) / Govt Public Domain
Client /Company	AUDI VWG (UK) / IBM UK LTD	Client/Company	DWP(UK) / IBM UK LTD
Duration	April 2019 – April 2024	Duration	July 2018 – March 2019
Role	AWS Fullstack Engineer Technical analysis. Preparing LLD, Design Document. Development of Typescript,NodeJS,Python API, UI development in ReactJS,Javascipt. Deployment in AWS lambda,	Role	Fullstack Engineer Technical analysis. Preparing LLD, Design Document. Development of Java,Spring,Microservice,API, UI development in Javascipt. Deployment in Tomcat,Jboss, Version Control : GIT, SVN,
Technology	AWS,ReactJS,Typescript,NodeJS,Python,Java.Spring,AWS,RDS,Lambda,S3,Glue,CF,EC 2,ECS,EKS,Kafka,Kubernets	Technology Description	Java,JMS,Spring,Hibernet,SOAP,Rest,Oracle,Maven,GIT,Jenkin,JBOSS,WebSphere,Kafka,Kubernets
Description	AUDI VWG is Digital Cloud project . It's deployed in AWS Cloud platform .,AUDI Client and Customer searches for new and old audi car from audi.co.uk website and place the leads to buy new audi car and services ,for existing audi car. All frontend webpages developed in reactjs, nodejs, and backend services developed in microservice architecture . The AWS Cloud platform and its services are used for infrastructure . Based on number of leads trigger in a day generates the revenue for the Audi		DWP Integration (ADEP) is file transformation project to transfer file from one route to another route. As per business requirement the file transfer from one route to another route based on transformation logic for and input records convert to output stream. Different transformations are applied to the header, detail and trailer records, data definitions and different data transformation rules are applied for different record type.

Project Experience:

Project/Domain	Vodafone Telecommunication(AMS,PDG)/ Telecom Domain	Project/Domain	Barclays Bank(UK) Banking miRevenue Projects/Banking Domain
Client/Company	Vodafone (UK) / IBM India LTD	Client	Barclays Bank(UK) / IBM India LTD
Duration	Oct 2017 - July 2018	Duration	May 2015 – June 2016
Role	FullStack Engineer Technical analysis. Preparing LLD, Design Document. Development of Java,Spring,Microservice,API, UI development in JavaScript. Deployment in Tomcat,Jboss, Version Control : GIT, SVN,	Role	FullStack Engineer Technical analysis. Preparing LLD, Design Document. Development of Java,Spring,Microservice,API, UI development in Javascipt. Deployment in Tomcat,Jboss, Version Control : GIT, SVN,
Technology	Java,JMS,Spring,Hibernet,SOAP,Rest,Oracle,Maven,GIT,Jenkin,JBOSS,WebSphere.		
Description	Vodafone Telecommunication PDG,AMS project is both OSS and BSS application in Telecom Domain. PDG, AMS project is combination of many application like OSG, OCGWebService, MSGWebService, CCG, DND, EAGLE, EAGLEA. This PDG,AMS application design and develop for operation, network planner, service deginer, customer service, account balance check and other trouble-ticketing and service assurance process. This application design and develop in Rest, SOAP Webservice, Java 1.8,JSP, Servlet, Oracle 1.8 technology. In PDG, AMS project DEVOPS Jenkin Server and UCD Agent used for continuous integration, continuous	Technology	Java,JMS,Spring,Hibernet,SOAP,Rest,Oracle,Maven,Eclipse, Jenkin,RTC,WebSphere,
		Description	Barclays miRevenue is Core banking Product for Pricing, Product Catalog, Generate Billing, Amendment, Settlement, Statement and Generate Revenue.
Project/Domain	WestPac Bank(Australia) NPP (Payment Repository Projects) /Banking Domain	Project/Domain	CARE and Metadata Project(R&D Projects /Telecom Domain
Client/Company	WestPac Bank(Australia) / IBM India LTD	Client	Comcast Corporation (USA) / Excelacom Technology(India)
Duration	June 2016 – Oct 2017	Duration	JAN 2015 – April 2015
Role	e Fullstack Engineer Technical analysis. Preparing LLD, Design Document. Development of Java,Spring,Microservice,API, UI development in Javascipt. Deployment in Tomcat,Jboss, Version Control : GIT, SVN,	Role	Fullstack Engineer Technical analysis. Preparing LLD, Design Document. Development of Java,Spring,Rest/Soap API, UI development in Javascipt. Deployment in Tomcat,Jboss, Version Control : GIT, SVN,
Tachnology	Java,JMS,Spring,Hibernet,SOAP,Rest,Oracle,Maven,Eclipse, Jenkin,RTC,WebSphere,	Technology	Java, JMS, Spring, Hibernet, SOAP, Rest, Oracle, Maven, GIT, Jenkin, JBOSS, WebSphere.
Technology		Description	CARE and Metadata are Telecom Domain Product R&D Project to display customer ordered data and processing Data across the component. Its structured and distributed in End-End data flow for supporting all Customer Order, Fiver Survey, Reporting, Service Offering, Service Plan, Service Bundle, Reports Generation for both Business and Residential Customer.
Description	WestPac NPP payment repository is Real Time Banking Payment System Project. This project is core banking real time payment system by messaging through Switch and NGS system.		

	Project Experience:		
Project/Domain	EO_CM(Enterprise Order-Customer Manager/Telecom Domain	Project/Domain	MCRM /Banking Domain
Client	Comcast Corporation (USA) / Excelacom Technology(India)	Client/Company	Prudential Financials.(USA) / Ebusinessware LTD(India)
Duration	Oct 2010 – DEC 2014	Duration	May 2009 – Oct 2010
Role	Full Stack Engineer Technical analysis. Preparing LLD, Design Document. Development of Java,Spring,Microservice,API, UI development in Javascipt. Deployment in Tomcat,Jboss, Version Control : GIT, SVN,	Role	Full Stack Engineer Technical analysis. Preparing LLD, Design Document. Development of Java,Spring,Microservice,API, UI development in Javascipt. Deployment in Tomcat,Jboss, Version Control : GIT, SVN,
Technology	Java,JMS,Spring,Hibernet,SOAP,Rest,Oracle,Maven,GIT,Jenkin,JBOSS,WebSphere.	Technology	Java,JMS,Spring,Hibernet,SOAP,Rest,Oracle,Maven,Eclipse, Jenkin,RTC,WebSphere,
Description	EO_CM is an Enterprise Order-Customer Manager Product developed for Telecom Domain. Its structured and distributed in End-End data flow for supporting all Customer Order, Fiver Survey, Reporting, Service Offering, Service Plan, Service Bundle, Reports Generation for both Business and Residential Customer.	Description	MCRM is a Mobile Customer Relational Management Project. Sales executive can check and can create their appointment by Mobile device through MCRM project. J2ME application sends request to J2EE application. Corresponding to that request data fetches from oracle database and stores in XML files into root folder. J2ME application receives data by XML file from J2EE application and display records on BlackBerry Mobile device.
Project/Domain	CDI-REUTERS / Banking Domain	Project/Domain	Health ACE /HealthCare Domain
Client /Company	Reuters Global.(USA) / Ebusinessware LTD(India)	Client/Company	HealthACE LTD.(USA) / Ebusinessware LTD(India)
Duration	Dec 2006 – Jan 2008.		
Role	Fullstack Engineer Technical analysis. Preparing LLD, Design Document. Development of Java,Spring,Rest/Soap,API, UI development in Javascipt. Deployment in Tomcat,Jboss, Version Control : GIT, SVN,	Duration Role	JAN 2008 – May 2009 Full Stack Engineer Technical analysis. Preparing LLD, Design Document. Development of Java,Spring,Microservice,API, UI development in Javascipt. Deployment in Tomcat,Jboss, Version Control : GIT, SVN,
Technology	Java,JMS,Spring,Hibernet,SOAP,Rest,Oracle,Maven,GIT,Jenkin,JBOSS,WebSphere.		
Description	Reuters Credit Dimensions project is a cutting-edge technology solution that provides financial professionals with operational data, data management services and integration with top-tier analytics. The platform enables them to benefit from complete and timely credit and reference data. Product offerings will leverage the need for accurate, high quality customer reference data, integrated with leading credit ratings tools and portfolio analytics – an offering that, despite increasing commercial drivers (such as the need for cost reduction and adoption of STP), and industry and regulatory demands, is not widely available.Raw data (feed) is sent by the Client, they are verified and validated by the Analysts. The feeds are then passed on to the Admin, who further run a validation check. The remaining verification is done by Subject Matter Experts (SMEs), who then pass on the feeds to Quality Analysts (QA). The QA team does a quality analysis on the feeds and then finally sent them back to the Client.	Technology	Java,JMS,Spring,Hibernet,SOAP,Rest,Oracle,Maven,GIT,Jenkin,JBOSS,WebSphere.
		Description	The Main feature of this Application is the automated data feeds from Reuters, This is used to calculate stock information. Reports are sent to HealthACE customers on a daily basis and typically are distributed by 7:00pm each evening. Lastly, there is an automated process, which runs nightly at 11:30p.m, which exports all the abstracts, the HTML report and the graphs for Novartis. The files are copied to an FTP directory for pickup. The Customers of HealthACE may receive daily emails and may click on the various links to view report details on the HealthACE front office.

Presentation, Communication, Team Management Skill



Domain Expertise:

Banking, Finance, Insurance Domain: 11+ years' experience in Banking, Finance and Insurance Domain in Wealth Management, Revenue Generation, Real Time Payment system, Core Banking Billing, Statement, Amendment, Reports, MIS Generation, Dedupe System and Online Trading system.

Telecom Domain: 5+ years' experience in Telecom Domain, Ordering, Customer Management, Order provisioning, Complete BSS / OSS Knowledge and MIS, CRM experience in Telecom Product and Services.

Government / Public Sector Domain: 1+ years' experience in government, public sector project development in pension, revenue, billing and payment project.

Digital / Manufacturing Domain: 4+ years' experience in Automobile Manufacturing (VWS Audi) Digital technology.

Presentation and Lecture:

Provided IBM Watson, NOSQL, Big Data Presentation at IBM QIS meeting, March 2016. Provided IBM BlueMix Deployment and Integration Presentation at IBM QIS meeting, November 2015. Demonstrate EV Cars and Automotive domain presentation in AUDI Digital Teams All hands call September 2023 Demonstrate Security, Cyber hacking and industry efforts in EV and the Automotive industry in AUDI All hands call, 2023 Received appreciation from Oxford College Bangalore for attending as a guest lecturer for MBA students, January 2024

Course

8

Post-Production Support

Team Building & Leadership

Key Skills

Management

AWS Certified Solutions Architect Professional (Udemy) AWS Certified Developer Associate (Udemy)

AWS CodeDeploy(Udemy)

AWS Cloud Development KIT(Udemy)

```
Artifical Inteligence (Generative AI) (Udemy)
```



