**Sujeet Kumar**

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## Professional Summary

* **10 + Yrs.** of proven experience in different capacity of **Software Development & Architecture, Cloud** Architecture/Automation
* Successfully designed, developed and delivered many complex software solutions with best possible solution and best practice
* Proven expertise in **.NET Core,** **.NET Framework,** C#, **Web API,** Angular, **SQL**, Entity Framework, **Azure DevOps** and **AWS Cloud**
* Expertise in **RESTful APIs** & **Microservice** including design, development, consuming and integrating with multiple data sources
* Practical knowledge of **CI/CD** pipeline with **Azure DevOps,** SonarQube, **Docker, Containerization** and **Cloud Native & 12-factor**
* Expertise in **architecture** **design, develop, test, debug, deploy,** integrate, maintain, enhance, **code review, bug fix** andcomplete architect of system accessed by millions of users worldwide.
* Expertise in **microservice** **architecture**, **serverless** **architectures**, **event driven** **architectures** and **Cloud Native architecture**
* Practical working knowledge of **Azure**- Web App, Azure App Service, Virtual Machine
* Strong **team leader**/player, initiative taker, **coaching and mentoring** & managed and led team for many deliveries.
* Proven experience working in an **Agile/Scrum** team environment and **GIT and GITHUB** operation
* **AWS** **Certified** Developer & **Microsoft** **Certified** Technology Specialist and AWS Certified Solution Architect
* Architected **distributed**, **decoupled**, high available, fault tolerant and transactional API based systems
* Optimistic, **innovative**, dynamic, adaptable, **self-driven** and **result-oriented**, **problem-solving** and **thirst** for new technologies
* Strong analytical, technical skill, troubleshooting skill coupled with confident decision making.
* High energy, confident, **quick learner**, and self-motivated, Hands-on and can-do attitude individual
* Expertise in building scalable, server-side enterprise applications, domain logic intensive RESTful APIs
* Strong Knowledge and expertise on **.NET Development** & **AWS Development** & **Angular Development**
* Experience in designing, developing and maintaining high-volume transactional systems
* Deep understanding of core AWS services, cloud-native capabilities, and AWS architecture best practices
* Expertise **SQL Server relational database Design, development** and normalization
* Expertise in **AWS Lambda, API Gateway, DynamoDB,** **EC2**, **S3**, **SQS, SNS**, CloudWatch, IAM roles/polices, CloudFormation etc.
* Strong practical knowledge of different AWS product integration and design
* Expertise to analyze, translate, and define business requirements into technical solutions.
* Proven **development & Architecture expertise** with **Cloud Architecture, Web Application, Web Service development**.
* Possess high work **ethics**, high level of **integrity**, Effective **communicator** & **interpersonal**/presentation skills.
* love programming, **cloud technology**, **microservice**, API, blogging, constantly growing.

## Technical Skills

* Programming Languages : .**NET** **Core** | **Core Java** | **C# .NET** | .**Net Framework** 6.X
* Web Service Technology : **WEB API** | **Sprint Boot** | **RESTful** API | **Microservice** | Web Service | **Cloud Native & 12-factor**
* Web Technologies : **Angular 13** |ASP.NET | **MVC Core** | ASP.NET | AJAX | Messaging Service
* Data Access Technologies: **Entity Framework** Core, LINQ, ADO.NET
* Database & BI : **SQL SERVER,** PostgreSQL, DynamoDB, NoSQL
* Version Control & IDE : **GIT, GITHUB**, Visual Studio**, Azure Repo, Swagger,** Veracode, SonarQube
* Project Management **: Agile/Scrum,** JIRA, Estimation**, Team Leading**, Project Delivery
* Scripting & Markup : Typescript, JavaScript. jQuery, Json, XML, HTML**,** and CSS.
* **Azure** Cloud : **Azure** – App service, **Azure DevOps**, CI/CD, Docker, Containerization, **Cloud Native** and SonarQube
* **AWS** Compute : **ECS**, EC2, **Serverless** **Lambda**, **API Gateway**, **ELB**, Auto Scaling, AWS Code Pipeline, Code Build
* AWS Database    : **RDS**, **DynamoDB**, Elastic Cache, Redis, Memcached, DMS
* AWS Storage      : **S3**, EBS, Instance Storage, Object/block/File Storage
* AWS Networking : **VPC**, Subnet, Transit Gateway, Internet Gateway, NAT Gateway
* AWS IAM                : User, **Role**, Group, Policy, Resource Policy, Identity Policy, Trust Policy, STS
* AWS Tool              : **Cloud Watch**, Cloud Trail, CloudFront, **SQS**, **SNS**, **CloudFormation** – Infrastructure as Code

## Education

* **Master of Computer Application (MCA)** from SHIATS Allahabad, India
* **Bachelor** (BSC) in **Information Technology** from Kuvempu University, India
* 3 years Diploma in Software Engineering from National Institute of Information Technology (NIIT) Ltd

## Global Certifications

* AWS Cloud Certified **Developer**
* AWS cloud Certified Solution Architect -Associate Level
* **AWS** cloud Certified Solution Architect -**Professional** Level
* **Microsoft** Certified Technology Specialist **(MCTS)** : **Web-based** Client Development
* Microsoft Certified Technology Specialist **(**MCTS**)** : **Service Communication** Applications
* Microsoft Certified Professional Developer (**MCPD)** :Window-based Client Development

## Work Experience

**Company**: **Tata Consultancy Service (TCS) | URL: www.tcs.com Position**: **Senior** .**NET Developer/Tech Lead**

Project : Credit & Debit Card Processor (Payment Gateway) Nov 2020- Till Date

**Project Description:**

Payment Card Processor is web-based Payment Gateway which is financially extremely complex and secured web portal for payment processing. It accepts electronic Card payment like **credit and debit card** **transaction** online from customers/Merchants (Credit Union Banks). Payment include Credit Card and Debit Card transaction.

This project is based on **docker** **containerized** **microservice architecture** by leveraging **AWS cloud infrastructure, Azure DevOps**, **Angular**, **Rest API Service** integrating with **Wells Fargo** strategic partner and **First Data** third party vendor and provide following payment process related capabilities.

**Role & Responsibility Taken:**

* Design, Development, Coding, Debugging, Integration, troubleshooting, Bug Fixing and Code Reviewing and maintaining complex project
* Actively participated in team projects and followed **Agile Methodology** for overall project development and deliverables
* Worked as **Technical Lead** to lead entire Team and Manage stockholder
* Implemented and configured to use and access AWS service securely and only by authenticated and authorized user
* End to End Restful Web API Microservice development for Merchant Management, Settlement and Transaction processing Module
* Event Driven Architecture design and implementation for microservice communication
* Implemented Domain Driven Design Architecture with clean Architecture
* AWS Lambda Development
* AWS Architecture design and implementation
* Developed WEB REST API and Endpoint for all microservice
* Integrated WEB REST API with AWS cloud RDS Database
* Integrated WEB REST API sensitive credential with AWS secret Manager
* Integrated Microservice with third party Data wire and First Data for smooth processing of Credit and Debit Card transaction and payment
* Implemented Microsoft Logging framework in all module for better logging across project
* Database DB object Creation
* Data integration from back-end service/database to Web Portal
* Implemented SWAGGER API Documentation in WEB API

Company: **Tata Consultancy Service (TCS) Position: .NET Web Developer**

Project : DCOLA (Dealer Credit On-Line Application) Oct 2015- Oct 2020

**Project Description:**

DCOLA (Dealer Credit On-Line Application) is a very complex financially operational Website Portal which help TFS and MFS Portfolio/DSSO user and Dealer Credit user at HQ to generate loan package on behalf of TFS and MFS dealers and process it till approval of loan package. This portal is very critical for Toyota Financial Service (TFS) for funding financial needs to its dealer for various types of loan.

TFS DSSO/Portfolio user creates loan packages, sends them for review/approval. The Dealer Credit Operation Team does various cross check and dealer score checking, credit checking and takes various approval from Loan Approval authority Team from various departments so that decision of loan approval or rejection can be taken.

**Responsibilities Taken:**

* Actively participated in team projects and followed **Agile Methodology** for overall project development and deliverables
* Carried out multiple rounds of discussion with client and business users to gather the requirement and documentation.
* Prepared the design of the application components.
* Have successfully enhanced/developed existing systems to support multi tenancy architecture.
* Have developed Credit Analyst Role based approval process in existing application
* Have successfully enhanced existing system with Post Approval Process workflow feature
* Have successfully integrated third party API Endpoint with DCOLA Application to fetch Dealer Financial data
* Developed Sql Server database Procedure, table and View
* Integrate data from back-end service and database
* Integrated UI with REST service and backend code.
* Have done Performance optimization at code level and Database level
* Have done code framework Upgradation.
* Co­ordination with other stakeholders regarding the interfacing
* Prepared and executed unit test cases.
* Ensured production issues were resolved in minimum time.
* Added multiple new enhancements to the application where Dealer Credit and Manager can directly create applications, Manager Loan package etc.
* Have developed Application data retention and periodic archival feature
* Lead a team of offshore .NET developers to successfully deliver projects that meet client satisfaction, budget, and work quality targets
* Involved in deploying the application on the IIS server
* Managed all development tasks and source code modifications via GIT Repository

Company: **Tata Consultancy Service (TCS) Position: Tech Lead & .NET Developer**

Project : TFS Dealer Daily Oct 2015- Oct 2020

**Project Description:**

Dealer Daily Project is a Complex Web Portal used by Toyota Financial Service and Lexus Dealer in the USA. This portal helps all USA Dealers of TFS to make agreements, Fetch Customer Payoff, ACH Process and do Payment. Dealer Daily is a secure site, limited to authorized Toyota and Lexus dealers only.

**Responsibilities Taken:**

* Design, Development, Coding, Debugging, Integration, troubleshooting, Bug Fixing and Code Reviewing and maintaining complex project
* Actively participated in team projects and followed Agile Methodology for overall project development and delivery
* Developed Data Access Layer, Business Access Layer, User interface Layer as part of N-Tier Project
* Developed and Automated Insurance contact request submission via RouteOne
* Developed Window Service to automatically process Submitted Insurance Contact
* Developed WCF service and exposed to RouteOne for Insurance product processing
* Involved in developing Web Services and invoking them by using XML, SOAP and WSDL for creating proxy classes
* Created C#.NET Class Libraries outside to implement complex business processes
* Developed and integrated Logging Service in existing Application
* Designed the application based on MVC design pattern
* Developed SQL Server Procedure, Function, View and Table
* Developed and migrated legacy code (VB code) to .NET code and got UNIT level reward
* Have done code optimization and Database Normalization
* MVC Design Pattern followed for Asp.Net MVC Application
* Integrated Data Access and Exception Handling blocks for database management and error handling
* Writing and modifying Stored-Procedures and user defined functions in SQL Server
* Performed for analysis, design, implementation and deployment of code
* Handled Client Issues and enhancement to the existing projects.
* Develop Many Reusable Views and Code Logic.
* Development work related to new System Enhancements in Existing Web Application.
* Debugging /Coding /Troubleshooting
* Developer SQL server Procedure, Table, View
* Managed and lead a team of software for many delivery
* Modified applications according to the client requirements
* Used jQuery for interaction between JavaScript and HTML
* Managed all development tasks and source code modifications via GIT Repository
* Creating the technical design documents
* Used C# language in coding to create class libraries and business logic

**Company: CMC LTD Position: IT Engineer**

Project: Genisys Configurator 10th Nov 2014 –30th Sept 2015

**Project Description:**

Genisys ConfiguratorNon-Life is an end-to-end suite of insurance components that addresses the needs of a comprehensive insurance system.

**Responsibilities Taken:**

* Design, Development, Coding, Debugging, Integration, troubleshooting and maintaining complex project
* Actively participated in team projects and followed Agile Methodology for overall project development and delivery
* Created web application using C#, ASP.NET, SQL Server, Angular
* Developed Data Access Layer, Business Access Layer,
* Developed User interface Layer as part of N-Tier Project.
* Handled Client Issues and enhancement to the existing projects.
* Developed SQL Server Table, Procedure, Server View, Server Function
* Used advanced features of T-SQL in order to design and tune T-SQL to interface with the Database and other applications in the most efficient manner and created stored Procedures for the business logic using T-SQL
* Thoroughly followed the Agile Methodology in the entire project
* Developing complex Stored procedures, User Defined Function and Triggers in SQL Server.

Company: **Ricoh India LTD Position: Web Application Developer**

Project : **Ricoh Docs (DMS) Office Automation Platform** April 2014 –Nov 2014

**Responsibilities Taken:**

* Design, Development, Coding, Debugging, Integration and Troubleshooting
* Actively participated in team projects and followed Agile Methodology for overall project development and delivery
* Developed Data Access Layer, Business Access Layer,
* Developed User interface Layer as part of N-Tier Project.
* Developed Data Access Layer, Business Access Layer, User interface Layer as part of N-Tier Project.
* Handled Client Issues and enhancement to the existing projects.
* Develop Many Reusable Views and Code Logic.
* Client Management, Client Communication, Client Training

Company: **Web Spider Position: Júnior Application Programmer**

Project : **Mobi-book** Sept 2012 –April 2014

**Responsibilities Taken:**

* Actively participated in team projects and followed Agile Methodology for overall project development and delivery
* Database Development
* WEB API Development
* Developed Data Access Layer, Business Access Layer, User interface Layer as part of N-Tier Project.
* Developed DoCoMo Scheduler that runs at intervals to convert users into free membership.
* Developed Sync Scheduler that sync Data from Centralized database to all storefronts.
* Developer Scheduler that does massive upload from FTP Location to Centralized database.
* Written stored procedures, Triggers, Functions, Views etc. using SQL in SQL 2008 server R2.
* Handled Client Issues and enhancement to the existing projects.
* Actively participated in team projects and followed Agile Methodology for overall project development and delivery
* Coding, Debugging and Troubleshooting, Code Review

Company: **Karmick Solution Pvt Ltd Position: Programmer**

Project : **Mobi-book** Jan 2011 –Dec 2011

**Responsibilities Taken:**

* Actively participated in team projects and followed Agile Methodology for overall project development and delivery
* Database Development
* WEB API Development
* Developed Data Access Layer, Business Access Layer, User interface Layer as part of N-Tier Project.
* Developed DoCoMo Scheduler that runs at intervals to convert users into free membership.
* Developed Sync Scheduler that sync Data from Centralized database to all storefronts.
* Developer Scheduler that does massive upload from FTP Location to Centralized database.
* Written stored procedures, Triggers, Functions, Views etc. using SQL in SQL 2008 server R2.
* Handled Client Issues and enhancement to the existing projects.
* Actively participated in team projects and followed Agile Methodology for overall project development and delivery
* Coding, Debugging and Troubleshooting, Code Review