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 **Suresh Kumaravelu**

Full Stack Developer with over 19 years of experience driving transformative IT initiatives and delivering innovative P&C insurance solutions, with deep expertise in Microsoft Technologies, AWS Cloud and Azure. With experience in P&C Insurance and Banking domain experiences, I am a certified Microsoft Professional, Azure cloud architect and AWS cloud architect with a proven track record of designing and developing enterprise-grade cloud platforms. I bring strong business acumen, extensive management skills, and an in-depth knowledge of both personal and commercial insurance products and banking domain, all supported by comprehensive experience in enterprise and solution architecture. I am recognized for collaborating effectively with senior leadership to align technology roadmaps with broader business strategies, driving impactful business results through strategic foresight and collaborative leadership.

**Microsoft Technologies and Cloud Expertise:**

* Strong work experience in C#.NET, ASP.NET MVC, ASP.Net Core, WCF, Web API, SQL Server and AWS Cloud Technologies Azure and AWS.
* Strong understanding of Microsoft .NET framework and .Net Core 6+.
* Strong hands-on programming, design, understanding and deep functional experience in developing and consuming .Net Core REST and Web API.
* Good Experience in Angular and Blazor front end development.
* Good knowledge in Azure Data Factory, Azure Logic Apps, Azure Functions, Event Bridge and Azure DevOps
* Good knowledge in AWS services like AWS EC2, EBS, S3, Step Function, Lambda functions, SNS, IAM, Cloud trail and CloudWatch.
* Proficient with container systems like Docker and Container Orchestration like EC2 Container Service, Kubernetes, worked with Terraform.
* Hands-on experience in using Kubernetes to orchestrate the deployment of microservices, scaling and management of Docker Containers.
* Experience in creating pipeline deployments with Jenkins and Harnes CI/CD integrated with urban deploy pipeline and Liquibase.
* Experience in developing and implementing SSRS reports in Power BI Report Server, Tableau reports and

Splunk reports.

**TECHNICAL SUMMARY**

*Framework:* .NET Framework, .NET Core, .NET 6, .NET 8

*Microsoft Technologies:* VB.NET, ASP.NET, ASP.NET MVC, ADO.NET, SSRS, WCF, REST API, Blazor

*Languages:* C#, Python

*Other Technlogies:* Java Script, Ajax, JQuery, Angular, AWS, Azure, Kakfa

*Database:* Microsoft SQL Server, MongoDB

*Version Control Tools:* SVN, TFS, VSTS, Bit Bucket, Git Hub

*Scripting and Markups:* HTML5, CSS

*Tools:* Splunk, Dynatrace, Postman, New Relic, Tableau, Jenkins, Radzen, Liquibase, Harness

**EMPLOYMENT EXPERIENCE**

1. Worked at Cognizant Technology Solutions from September 2005 till Oct 2022
2. Working at Matrix Resources (now part of Motion recruitment partners) as consultant from November 2022 till date

**CERTIFICATION**

1. Completed AWS Solution Architect Associate Certification
2. Completed Microsoft Application Developer certification.
3. Completed Safe Agile Certification| Certified Scrum Master
4. Completed Microsoft Certification| Azure fundamentals

**PROFESSIONAL EXPERIENCE**

**Company: Matrix Resources, Client: WellsFargo,** Phoenix, AZ (November 2022 - Present)

Sr Technical Lead

* Working for WellsFargo in Identity and Access Management Applications.
* Successfully designed, developed and managed two front end IAM entitlement application upgrades in ASP.net core using Blazor and Angular leveraging the latest features.
* Created Microservices for entitlement management using ASP.Net Core and C#.
* Utilized Kubernetes to orchestrate the deployment of microservices.
* Instrumental in creating the Liquibase framework for automated deploy of SQL DB scripts to Non-Production and Production.
* Worked on migrating the ETL solutions (OnPrem) to Azure Cloud for Packages created using SQL Server Integration services from multiple source systems like Teradata and Oracle.
* Created Tableau reports for Enterprise data auditing team.
* Developed distributed message and event-based systems using kafka.
* Implemented AWS Solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto Scaling Groups
* Utilized Azure cloud services, Azure Logic Apps, Azure Functions, Event Bridge and Azure DevOps to implement the Approver and Entitlement system.
* Worked on Agile development technologies.

*Environment:* ASP.Net core, C#, GitHub, Jenkins, SQL Server, Tableau, Azure, AWS, Angular 16 Blazor, Liquibase, Kafka

**Company: Cognizant, Client: CSAA,** Phoenix, AZ (November 2009 to October 2022)

Technical Lead

* Knowledgeable in various applications in CSAA Personal lines landscape.
* Developed the web application in ASP.Net core MVC and WebAPI to view, retrieve and distribute the archived documents.
* Developed web application for Commercial policy documents search and retrieval using Angular.
* Created the microservices using ASP.net core to deliver the print files or customer correspondence to the insured.
* Utilized Kubernetes to orchestrate the deployment of microservices.
* Incorporated the e-signature functionality in policy and claims documents using Microservices with AssureSign vendor integration.
* Worked on creating WCF services to generate, distribute and archive the Policy and Claims documents.
* Worked on migrating the Kofax product to 10.2 and associated technology upgrade for all the components from VB script to ASP.Net framework. Enhanced logging for effective audit trails and tracking.
* Responsible for the development activities in Fastlane, an archival system in document management workspace and migrated the archival of documents from Process 360 product to DELL EMC storing using AWS APIs and upgraded the framework and technology for the various components used in fastlane application.
* Successfully handled and worked on various .Net migration projects, migrated ASP.Net 1.1 web application to ASP.Net 3.5, migrated the VB scripts to .Net framework 3.5 and migrated the WCF services created in .Net framework 2.0 to .Net framework 4.0.
* Developed the automated unit test scripts using NUnits and XUnits.
* Designed and Implemented AWS Solutions using EC2, S3, EBS, ELB, VPC, RDS, Cloud formation and SQS.
* Consumed the GenerateDraft and Generate pdf Smart communication APIs to generate the interactive and non-interactive claim documents.
* Created various business and user reports in PowerBI and published dashboards and alerts in Splunk.
* Widely used APM tools like Dynatrace and NewRelic to proactively address performance and service API improvements.
* Implemented the CI/CD pipleline of application components deployment via Jenkins.
* Utilized multiple version control tools BitBucket, GitHub and SVN.
* Worked in Iterative model and coordinated all sprint ceremonies.

*Environment:* ASP .NET MVC, ASP.Net core, C#, GitHub, SQL Server, Angular 16, WCF, Web API, Microservices, PowerBI, Entity Framework, SmartComm, Kofax, AWS

**Company: Cognizant, Client: Mercury,** LA, CA (January 2009 to October 2009)

Lead .NET Developer

* Developed the Webapplication in ASP.Net MVC in Mercury for the renters insurance.
* Implemented the Web services with the business logic to interact with the Oracle database.
* Created the numerous business reports in SSRS.
* Worked on migrating the custom applications from VB scripts to ASP.Net
* Instrumental in detailed design documents to develop a robust design to meet the requirements.
* Incorporated enterprise logging for Auditing.

*Environment:* ASP .NET, C#, TFS, SQL Server, Javascript, Webservices and ADO .NET.

**Company: Cognizant, Client: Northland,** St Paul, MN (July 2007 to December 2008)

Sr .NET Developer

* Primarily responsible for all the enhancement projects in Northand P&C in ASP.Net with AS/400 back-end.
* Migration of the existing application from .Net 1.0 to .Net 3.5. Used Ajax enabled Infragistics controls, a third party agent mastering in the development of those controls.
* Created multi-tier webapplication using C#.
* Created SOAP Webservices to communicate with AS400 in the backend.
* Responsible for analysis, design, coding and unit testing of all the ITGs/service requests for the Northlink Application.
* Leading the team of developers at offshore and ensuring the implementation of key deliveries.

*Environment:* ASP .NET, C#, TFS, SQL Server, Javascript, Webservices and ADO .NET.

**Company: Cognizant, Client: Phase Forward,** St Paul, MN (August 2006 to June 2007)

.NET Developer

* Involved in Clinical Trial development/customization activities in InForm base product used by Phase forward. The entire process involves customization of various modules in InForm like rules, help documents, sites, users and system configuration.
* Developed ASP.NET web pages using C#.
* Responsible for designing the Crystal Reports for administrator to track the inventory of clinical trials.
* Designed and developed crystal reports.
* Involved in creating Views, Stored Procedures and Triggers and calling them from the Data Access Layer.
* Fixed the issues and bugs occurred during testing process.

*Environment:* C#.Net, ASP.Net, Crystal Reports, Javascript

**Company: Cognizant, Client: Travelers,** St Paul, MN (August 2005 to July 2006)

.Net Developer

* Responsible for migrating the Active Server Pages to ASP.Net Web application with Infragistics web controls.
* Development activities in client Billing Management System, Program Management Office portal and KR Portal.
* Performed analysis, design, coding and unit testing of the Knowledge Repository Portal.
* Instrumental in detailed design documents to develop a robust design to meet the requirements.
* Key contributor to the process related activities of the project.
* Engaged in prod migration planning and deployment activities.

*Environment:* C#, ASP.Net and SQL-SERVER

**EDUCATION**

Graduated in Electrical and Electronics Engineering from National institute of Technology, Kozhikode in 2005.