**SURESH S**

**(Cloud Architect)**

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**Hounslow, London, TW33AW**

**Professional Summary:**

* 11 years of IT Experience with good exposure in analysis, design, development, implementation of Cloud Infrastructure Services and Application Development.
* Hands on experience with all **compute, storage, networking, security, cost management**, **billing** Cloud services.
* Experience working in agile based development environment and DevOps.
* Expertise in design & implement various custom built solutions using ASP.Net in SQL and Visual Studio.NET 2008, 2010, 2012 and 2017.
* Successfully delivered Azure Landing Zone, Serverless Architecture solution with complete IaC and devops setup in Terraform and Clouformation for clients.
* Successfully designed and delivered secure Aws and Azurr cloud solutions for many major console to create custom users and groups Auto scaling to design cost effective, fault tolerant and highly available systems.
* Extensive experience in programming languages **Terraform, Cloudformation,Packer, Puppet,PowerShell,Bash, Node Js,MS SQL(T-SQL) and SSIS , MVC, C#, VB/ASP.NET, VB6, VBA, VBScript, XML, XSL, HTML, Unix Shell Scripting**.
* Extensive experience and an enthusiast working in **Agile/Scrum** framework model for past 2 years.
* Strong exposure in working with Global MNC clients and experience in communicating directly with clients being worked in onsite with client development team,
* Hand on Experience on Aws and Azure components in Cloud service

**Technical Skills:**

|  |  |
| --- | --- |
| Cloud Platform | Aws and Azure Design, Implementation of multi-tier Enterprise applications onto the Azure cloud |
| Azure / AWS Resources | Azure: VM (Linux and Windows), ASE(Private and public), API Management, Azure Active Directory, Database, Monitoring and logging, Cost Management, Storage Account, Function app, Azure Recovery Vault, RBAC, Networking (Nsg, Route, vnet, subnet, load balancer, application gateway).  AWS: RBAC, EC2, S3, Monitoring (Cloud Watch and Cloud Trail), Networking (VPC, NACL, Routing), dynamo dB, SSM document, Lambda functions, Backup services, Elastic search |
| Scripting | Azure PowerShell, Azure Cli, AWS Cli, Shell Script |
| Infrastructure Code | Azure ARM template, Cloud Formation and Terraform |
| Web / SQL | .NET, MVC, Sql, My SQl |
| SCM/CI/CD/Development Tools | Github, TFS, VSTS, Octopus, SVN, Visual Studio Code Editor, AWS CI CD Pipeline |

**Employment Experience:**

|  |  |  |
| --- | --- | --- |
| **Period** | **Company** | **Designation** |
| May 2016 – Till Date | **Cognizant Solution** | Senior Associate |
| April 2013 – May 2016 | **Tech Mahindra**  Chennai | Senior Software Engineer |
| March 2012 – April 2013 | **Zylog Systems Limited**  Chennai | Software Engineer |
| May 2011 – March 2012 | **prism new media solutions**  Chennai | Dot net Developer |
| June 2008 – May 2011 date | **Aspen Innovations**  Chennai. | Software Programmer |

**Professional Experience:**

**Project 8: WPP**

**Team Size: 3**

**Application** : Financial

**Client** : Schroders

**Team Size** : 3

**Role** : Cloud Consultant (Azure, AWS and GCP)

**Duration** : Jan 2019 to till Date

**Description**:

Wpp is a British multinational advertising and public relations company and we are involved developing various templates for migration cloud resources into centralized. Monitoring Azure, AWS, and GCP resources. Managing cost Managetment. Provisioning new resources using templates via service now.

**Responsibilities**

* Involved Architect in creation of **High/low level design** of Azure cloud landing zone.
* Multi Cloud Monitoring Activities from subscription level in Azure, Account level in AWS and Project level in GCP into centralized location and integrated with service now.
* Provisioning Cloud resources using ARM template, Cloud formation Azure resources (**Azure VM with availability set, ASR Vm backup, Vnet, Subnet, Load Balancer**, **storage account, Traffic Manager, Custom Alert, diagnostics, budget cost alert, AZURE AD Domain services, App registration, API management, RBAC, CDN, Application Insights, Cosmos DB,**).
* AWS(**SSM Document to install agents on EC2, S3, NACL, Elastic search, lambda functions**, **AWS Backup services, IAM Role, Cloud Trail, Cloud Watch**).
* Used ARM template, Cloud formation, Terraform and GDP template to automate.
* Azure PowerShell, Azure CLI, AWS CLI take resources level report and managing tags
* Multi Cloud Logging (NxLog to track system level activities and Zenoss Monitoring Tools).
* Sharing Cost Management (Cost Advisor, Usage Report, Cost Analyst and Cost Budget) report to service now to display.
* Managing Github repositories available script and template and accessed by service now using shell scripts.

**Professional Experience:**

**Project 8: Schroders**

**Team Size: 3**

**Application** : Financial

**Client** : Schroders

**Team Size** : 3

**Role** : Cloud Consultant

**Duration** : June 2017 to Jan 2019

**Description**:

The Schroder project will deliver a new Customer Portal which provides a range of online web based services for Schroder internal customers. The solution will be delivered in phases to enable a quicker delivery of services. Phase 1 is made up of core services that enable users to register online.

**Responsibilities**

* Helped Senior Architect in creation of **High/low level design** of Azure cloud landing zone.
* Designed IaC, built scripts for provisioning of end to end **Azure** landing zone using **Terraform and ARM Template** for Service Principal Account creation, RBAC(IAM), Networking (Vnet, Subnet, Load Balancer,Vpn gateway),Management(**ASE, Webapp, API Management, Function app, cosmosdb, keyvault**), Monitoring (**Azure Logging, Monitoring, Alert, Cost Analyst Report,Cost Budget Alerting**), CI CD (**Octopus, Azure Devops, TFS and VSTS** ). Azure Active Directory(Role Management, Custom permissions, MFA implementation, App registration).**Private Zone**
* Work closely with Pro Serve from Azure to understand the best practices in design of cloud platform landing zone and build the platform services**.**

**Project 7: Customer Online Journey**

**Team Size: 10**

**Application** : Customer Online Journey

**Client** : Anglian Water Service

**Team Size** : 10

**Role** : Tech Lead

**Duration** : December 2016 to March 2017

**Description**:

The Customer Online Journey project will deliver a new Customer Portal which provides a range of online web based services for Anglian Water residential water and/or sewerage customers. The solution will be delivered in phases to enable a quicker delivery of services. Phase 1 is made up of core services that enable users to register online, view bills, make payments, and submit meter readings and contacting Anglian Water.

**Responsibilities**

* Cognizant team designed and provisioned highly available and scalable Azure infrastructure and enabled the customer team to provision Workspaces in bulk
* Performed azure engineer role, handled end to end delivery Guided client team for on-going operational business and support model
* Azure AD and AD B2C authentication and authorization.

**Project 6: eCommerce**

**TeamSize: 7**

**Application** : e-commerce

**Client** : Mars Global service

**Team Size** : 7

**Role** : Senior Software Engineer

**Description**:

**Project Name:**

**B2C Applications (Business to Customer)**

ECommerce or electronic commerce will provide a product catalog, order management and online customer service capabilities. Key features of the platform will include a website that will allow secure user access, an electronic product catalog categorized to allow for easy searching, web based order entry with order confirmation, request for quotes, advanced sales reporting and e-mail customer service.

**Responsibilities**

* Worked as Cloud engineer and helped the client on designing and building the cloud infrastructure setup to Web based applications
* Migration planning and migration move groups
* Azure infrastructure design for the cloud suitable applications and architectural best practices

**Project 5: Field Power Management (Product)**

**TeamSize: 15**

**Application** : Field Power Management

**Client** :Singtel Telecommunication Singapore

**Team Size** : 15

**Role** : Software Engineer

**Description**:

FieldPower is a leading commercial Field Service Management application.FieldPower is the ability to optimize internal operation efficiencies through picking the right technician, with the right skill, at the right time, with the right equipment and parts at the lowest cost per job. FieldPower includes Work order assignment, scheduling, dispatching, maintaining the task status, reporting, and spare parts inventory with service allocation.

**Project 4: User Admin Tool**

**TeamSize: 2**

**Application** : UserAdmin Tool

**Team Size** : 2

**Role** : Developer

**Description**:

This project is mainly to synchronize the Data from database to multiple platforms (**ANDROID, IPHONE, and BLACKBERRY**). Using this service we can add Exhibitor, Attendee, Speaker and assign schedule Details. The Same service will respond to update and delete as mentioned Role. Attendee can save their plan for exhibitors. Exhibitor can assign the schedule timings. Exhibitor can added the attendee after the mail was sent to

**Project 3: Interactive Wayfinder**

**Teamsize: 2**

**Application : Interactive Way Finder**

**Team Size :** 3

**Role :** Dot Net Developer

**Duration :** September 2010 to August 2011

**Description**

This is a Pre-Show Planner which will be used by attendees of Trade shows. This project includes Searchable Exhibitor Database on various criteria ,Preshow Planning with book mark capability ,Personalized maps and visit lists ,Adding Notes about the exhibitors, attendees eDocs request and response, Bing Map for city Navigation, Sessions and facility information, This product is delivered and being delivered to various clients all around the world.

**Project 2: cheque Request management**

**Team size: 5**

**Description:**   
It is web based application to maintain cheque request status between client and management. This website maintain cheque transaction based on a week, month and year wise .Incase cheque was failed means failed message will send to accounts department .Accounts department can reply to client with attachment details .Incase cheque was cleared means success messages will send client .Completed cheque details maintain in database using this site. Logging status maintain based on role authorization. Management can search the cheque status by account and client and provider wise based on failed transaction and successful transaction

**Environment:** C#, ASP.NET 3.5, ADO.NET, SQL, Visual Studio.NET 2005, Net Framework 3.5, Ajax.

**Project 1: Overdraft manager**

**Team size: 2**

**Description:**

It’s a web based application. It’s mainly used to maintain the bank status based on company’s overdraft which is given by client’s available bank. Client can borrow and repay through this site once client borrowed means it will be reduced from overdraft limit so client can spend from this overdraft limit. Client can attached check or draft. Client can able to repay for bank including with installment. Borrowing and repayment details can able to show in Admin site.Admin can able to see these borrowing and repayment status in three types of currency(GBP,Dollar,EUR),.In admin side will display all the borrow status and repayment status admin can create bank and set overdraft limit .and also admin can edit and delete bank status

**Responsibilities:**

* Involved Designing, Development & Post Development Maintenance & Knowledge Transfer.
* Design and develop various Web Forms & re-usable Class Libraries, Generics in .NET & C#.
* Involved in designing the Database Architecture & working with data bound controls, Grid Views and etc
* create documents like Transaction summary with details
* Summary details convert into three currency types (USD,GBP,EUR)
* Payments allowed to USD,GBP,EUR,INDIAN CURRENCY
* Create password ,change password, create bank and set overdraft limit
* Accounts summary can download and upload from server
* External validations, banking rules also written and supported.
* ADO.NET development used to bind data.
* Used SQL and created Stored Procedures, Functions, Views, and Indexes.
* Effectively implemented Authentication & Role Based Authorization.

**Environment:** C#, ASP.NET 3.5, ADO.NET, SQL, Visual Studio.NET 2008, Net Framework 3.5, Ajax, Webservice

**Education:**

* **B.E(EEE) ,sastha institute of engineering technology** in the year **2008**
* **Diploma,**I.R.T in the year **2004**.
* **SSLC,**State Board in the year **2003**.

# **Personal Profile**

**Father’s Name** : P.Shankar

**Date of Birth** : 09-07-1986

**Gender**  : Male

**Marital status** : Single

**Languages Known** : Tamil, English

**Address** : 26, Sycamore Drive, Huntingdon, United Kingdom,Pe29 7JB.