

SUHEL F SUD

US CITIZEN

BEVERLY HILLS
CA, 90210

(PUBLIC TRUST SECURITY CLEARANCE)

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EDUCATION

- Bachelor's in Software Engineering
University of Sydney (ranked 33rd in the world)
Sydney, Australia
(2006 to 2010)

COURSE COMPLETION

- ❖ **AZ-300** Microsoft Azure Solutions Architect
- ❖ **AZ-203** Microsoft Azure Developer Associate
- ❖ **AZ-103** Microsoft Azure Administrator
- ❖ **AWS** Developer Associate



TECHNICAL SKILLS (over 13 years combined)

- ❖ **CLOUD:** Azure (DevOps, Architect, Developer), AWS (Developer), Kubernetes, HELM, ISTIO
- ❖ **BACK-END:** C# .NET Core, .NET 6.0, Node.js, GoLang
- ❖ **FRONT-END:** Angular (2-13), React 17 (w Hooks, Redux), MVC ASP.NET Core, CSS/HTML
- ❖ **MOBILE:** React Native, Xamarin
- ❖ **DATABASE:** SQL Server, Azure Cosmos, Oracle, MySQL, MongoDB, DB2
- ❖ **MISC:** Azure IOT, AKS, Azure Search, Azure Graph API, APIMS, Service Bus, App Service, EventGrids, Azure AD, Azure Infra (VNET, Gateway, Loadbalancers etc) SSO implementation, YAML pipelines, Service Fabric, OData Query, AWS Lambda, SNS, SQS, Cloud Formation, ECR, EKS etc.

EMPLOYMENT SUMMARY

CLIENT	LOCATION	DURATION		
MICROSOFT	Redmond WA	Jun'21 - Current	TECH LEAD Azure, .NET Core, Node, Angular	
WELLS FARGO	St Louis MN	Mar'19 - May'21	TECH LEAD Azure, .NET, Angular, AWS, DevOps	
ALL STATE	Charlotte NC	Dec'16 - Mar'19	TECH LEAD Azure, AWS, .NET Core, Angular, React	
PWC	Tampa FL	Feb'12 - Dec'16	SNR DEVELOPER .NET, MVC, Angular, Azure Dev Ops	

EMPLOYMENT EXPERIENCE**MICROSOFT**

Jun'2021 – Current

REMOTE (Redmond,WA)

Azure, Angular 13, .NET, Go, Node

Technologies: C# .NET 6, Node.js, Go, Angular 13 w NgRx, React w Redux, Azure (Search, Graph API, AKS, Service Bus, EventGrid, EventHub, Cosmos DB, App Service, Azure Functions), Helm Charts, XUnit, MoQ,

Major Responsibilities:

- ✚ Working as a **Tech Lead** on ACR – Azure Consumed Revenue.
- ✚ Extensive use of Azure **B2C, AD** to create 2 way sync between the application for users/roles.
- ✚ Implemented Two-Phase commit and **Saga** Pattern in **ACR** application for transactions in .Net core.
- ✚ Domain driven design where microservices' communication and authorization established via Azure Enterprise Apps, custom Event grid hooks, Vault, Azure **EventGrid** and **ServiceBus**.
- ✚ Develop reusable components for the enterprise application to consume like Security, transformation policies, automate **API** onboarding.
- ✚ Implemented multiple techniques like Regex and Antixss Library to prevent Cross-site Scripting (XSS)
- ✚ Angular 13 UI with **SignalR** for real time updates integrated with **Azure Service Bus** and Event Grid
- ✚ Multi-stage Build & Release pipelines in **YAML**.
- ✚ **Dockerization** of different services to push to **ACR** that then automatically get deployed to **AKS**.
- ✚ **XUnit & MOQ** for unit testing.

WELLS FARGO

Mar'19 – May'21

St Louis, MN

Azure Arch, Angular, .NET

Technologies: C# .NET Core 2.2/3, Angular 5, AWS SNS, Azure (Logic Apps, Graph, EF Core, XUnit, MoQ,

Major Responsibilities:

- ✚ **Tech Lead** working on Loan Management system that generates docs, stores info in ERP etc.
- ✚ Lead the team on creation of Clean Architecture principle for the application
- ✚ Used Azure **Notification Hub/Signal R/ Event Grid/ SNS** for push notifications to customers.
- ✚ Created abstraction layer in **microservice** to add notification types to the service – email, text, call etc.
- ✚ Implemented **UOW** design pattern w **EF Core**
- ✚ Implemented implicit **auth flow** with Angular
- ✚ Segregated modules into multiple Angular libraries to work as **micro front-ends**
- ✚ Created a **Nuget** package to which is used for custom Logging with *TransactionId* in different applications like **Splunk, Azure App Insights** based on different flags.

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- ✦ Used MS Word API to implement the features like commenting, resolving.
- ✦ Integrated the app with the legacy app by providing the wrappers API and **WCF** service.
- ✦ Used **SAML** based Auth which is used to login into various applications on the domain.
- ✦ Used **NGRX** store in the **Angular** UI to maintain the state of the application.
- ✦ Implemented distributed **caching** with AZ **Redis** in .NET core.
- ✦ Used AZ **Key Vaults** service to get the secrets used by the applications in .net core app.
- ✦ Integrated **New Relic** and Application insights for application monitoring in the .net and .net core app.

ALL STATE INSURANCE

Dec'16 – Mar'19

Charlotte, NC

React /Angular/ .NET Lead/ DevOps

Technologies: C# .NET Core, React.js, Angular 2-6, Dynamo DB, Jenkins, Azure ACR, Express, Azure Web Apps, Azure Function Azure DevOps, Azure Web Jobs, AWS Lambda, GIT, VSTS, TDD

Major Responsibilities:

- ✦ Developed **responsive** in-house HR application for desktop, mobile using **Angular** 2-7, Angular JS, **Typescript** and **Bootstrap** UI, **node** JS and **Dynamo Db**
- ✦ **C#** .Net full-stack development and deployment of Azure **Web Apps**, **Functions**, and **Web Jobs**.
- ✦ API and .NET **MVC** website development and deployment via Azure and Visual Studio.
- ✦ Developed database solutions and API endpoints for use by other development teams and features.
- ✦ In depth knowledge of Google API and third party authorization software such as **Auth0**.
- ✦ Worked on a **React**.JS, **express**, **mongoose** schema and **mongo** DB for mobile **PWA**.
- ✦ Implemented service workers to make the application work offline.
- ✦ Architected and developed **AWS ETL** pipeline using **Lambda** triggers, **node** Js, **Kinesis** Fire hose to get the data synced from transactional **Dynamo** Db to Reporting MySQL database.
- ✦ Implemented a **CI/CD** pipeline with **Docker**, **Jenkins** (TFS Plugin installed), Team Foundation Server (TFS) and **Azure** Container Service, whenever a new TFS/Git Hub branch gets started, Jenkins, our Continuous Integration (CI) server
- ✦ Created generic response and error handler **middleware** in .NET Core.
- ✦ Participated in Test Driven Development (**TDD**) in developing.

PRICE WATERHOUSE COOPERS

Tampa, FL

February'12 – Dec'16

Snr .NET Angular Dev

Technologies: ASP.NET MVC, Angular JS 2/4, O365, WEB API 2.0, C#, LINQ, WCF, Entity Framework, Microsoft Azure, IIS 7.5, Bootstrap, CSS, TFS, Visual Studio 2015, SQL Server, Kendo UI

Major Responsibilities:

- ✦ Participated in various group meetings with stakeholders to create **Functional Design Doc**
- ✦ Designed and developed various abstract classes, interfaces, classes to construct the business logic using C#, the middle tier contained all the business logic using **SOLID** principles and **OOPS**.
- ✦ Used ASP.NET **MVC** page controller pattern to add functionality to individual pages such that to accept input from the page request, invoke the requested actions.
- ✦ Implemented server-side **State Management** techniques like session state to maintain state between ASP.NET pages.
- ✦ Implemented **Data Access Layer** using **NHibernate** with Asp.Net to connect, retrieve and update the data from **SQL Server**.
- ✦ Involved in the design of the use case diagrams and class diagrams using Microsoft **Visio**.
- ✦ Implemented the **SOA** architecture using Windows Communication Foundation (**WCF**).
- ✦ Developed and consumed **WCF** web services to access data layer components.
- ✦ Used **ADO.Net** and PL/SQL procedure to access data layer components.
- ✦ Created a single-page, responsive web application to replace a legacy line-of-business web application using **AngularJS**.
- ✦ Worked on **Angular JS** Scopes, Models, Services, Dependency Injection, Routing, and Prototyping.
- ✦ Developed AngularJS reusable custom directives using scope isolation techniques.
- ✦ Utilized Angular libraries like **angular-ui-router**, **angular-resource** to make the powerful single page application and utilized **angular-storage** to briefly store the information utilized as a part of this application.
- ✦ Experience working on **N-tier** and multi-layered applications, designing loosely coupled, testability and integration.
- ✦ Involved in **Unit Testing**, **Integration** Testing and **Regression** Testing in a regular basis to improve the performance of the application.
- ✦ Worked on **Postman** API client tool for various request or response methods.
- ✦ Worked with Team foundation server (**TFS**) as source control.
- ✦ Prepared and executed Unit Testing, testing of all modules during any enhancements

REST OF THE EXPERIENCE OMITTED TO KEEP THE RESUME SHORT

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