

## ARAVIND RAVIGOPAL

E-Mail: [aravind897@gmail.com](mailto:aravind897@gmail.com)

Contact #: +1-224-844-5068

---

### Summary

A hands-on, Microsoft **.Net Technology Technical Lead and Certified AWS Solutions Architect Associate** with over 12.5 years of full life cycle development experience of web and windows-based applications. Team Lead experience of onshore and offshore associate and Architect experience using common design patterns for software development. Comfortable working autonomously and in teams using software development processes like SCRUM and Agile Methodologies.

### Professional Overview

- **12.5 years** of experience in creating and managing the Web applications
- **Currently working in TCS with designation as Assistant Consultant**
- Participated in **Solution Designing** and **Managed the end-to-end application development** using .Net Core and .Net Framework including the **Architecture designing** and implementation
- Good experience in developing enterprise applications using Microsoft Technologies like **ASP.Net, C#.Net, MVC, WCF, Web API, .Net Core, SQL Server**.
- Extensive Work Experience in **MVC with Razor and Web Forms View Engine**, Creating and Consuming **Restful Windows Communication Foundation Services**, Creating **MVC Web API Services** and Creating **.Net Core API Services**
- **Hands on experience with AWS SNS, SQS, Lambda, Dynamo and Aurora Database.**
- Designed **AWS Architecture for the on prem applications migration to cloud.**
- Experience in creating build steps on **CI/CD pipeline processes using TeamCity** and have worked in deployment tools using **J Frog**.
- Experience in using **Kibana** and have created **dashboards** and search indexes also.
- Experienced in Coordinating and Leading the team
- Good working knowledge of web technologies like **HTML, CSS, JavaScript**, and **jQuery**.
- Experienced in direct interaction with the client
- Quick learner and easily adaptable to new technologies

### Certifications:

- AWS Certified Solutions Architect – Associate
- TCS Certified on .Net Technologies

### Experience Summary

- Jan 2018 to Till Date: Working as Assistant Consultant in Tata Consultancy Services, Houston, Texas, USA and Chennai, India.
- Feb 2014 to Jan 2018: Worked as Associate - Projects in Cognizant Technology Solutions, Chennai, India
- July 2010 to Feb 2014: Worked as Software Engineer in HCL Technologies, Chennai, India

### Technical Skills

- |                             |   |  |
|-----------------------------|---|--|
| • Microsoft Technologies    | : | ASP.Net, C#.Net, ADO.Net, WCF, MVC, Web API, .Net Core |
| • Databases                 | : | MS SQL Server, Oracle                                  |
| • Web Technologies          | : | jQuery, HTML, CSS, IIS                                 |
| • Methodology               | : | Waterfall, Agile                                       |
| • Development Process Tools | : | Microsoft Visual Studio, TFS, GIT                      |

### Projects Worked

#### Project #1

Title : **Fintech AWS Cloud Migration**  
Client : **United Airlines**

Environment : .Net 6, C#.Net, AWS SNS, Lambda, SQS, Aurora-PostgreSQL  
Responsibilities : Technical Lead  
Company : **Tata Consultancy Services**

- Understand business requirements, study existing application landscape, and identify redundant/ineffective systems.
- Conceptualize the best suitable AWS Architecture based on the project need and setup the AWS environment to deploy the migrated application.
- Understand overall strategy from product management team and recommend application architecture to support future project needs.
- Adopt and recommend technology to improve productivity and improve customer experience.
- Release planning in align with organization strategy and Production deployment planning and support.
- Collaborate with engineers or software developers to select appropriate design solutions or ensure the compatibility of system components.
- Provide technical guidance or support for the development or troubleshooting of systems.
- Document design specifications, installation instructions, and other system-related information.
- Verify stability, interoperability, portability, security of the developed system.
- To come up with the innovative ideas to design and to solve business problems associated with business changes. Also provide solutions for process improvements in existing system.
- Do code analysis using Visual Studio and review the code at different stages while development.

Description : Refactor and migrate the Fintech area applications and services to the AWS Cloud and re-platform to the cloud-native database. As part of the Cloud migration, all the .Net applications are migrated to .Net 6 and containerized to deploy to AWS in ECS with Fargate and database migration from Oracle to AWS Aurora PostgreSQL.

## **Project #2**

Title : **CSL Foundations**  
Client : **United Airlines**  
Technology : .Net Core 3.1, .Net Framework, C#.Net, Web API, MVC, AWS SQS, Aurora-MySQL  
Responsibilities : Technical Lead  
Company : **Tata Consultancy Services**

- Understand business requirements, study existing application landscape, and identify redundant/ineffective systems.
- Strategically architect, design, develop, and implement efficient system in support of core enterprise functions.
- Provide technical guidance or support for the development or troubleshooting of systems.
- Document design specifications, installation instructions, and other system-related information.
- To come up with the innovative ideas to design and to solve business problems associated with business changes. Also provide solutions for process improvements in existing system.
- Do code analysis using Visual Studio and review the code at different stages while development.

Description: Customer Travel Platforms Applications Development is a service-oriented application which has Common Services Layer (CSL). It is an enterprise services platform, consumed by various channels such as United.com, Compass, Mobile Application, EZR etc. CSL comprises of core business logics for entire ticket booking and plays vital role in booking scenario in both Revenue and Awards cases, interacts with third party services to get flight fares and apply United business rules for some scenarios and display customized fares based on customer needs. Major services in CSL are Flight Shopping, Shopping Cart, Reservation, Payment, Ticketing and Check-in services. CSL Foundations domain has about ten services and common framework to provide various functionalities involving authentication and payment related functionalities.

## **Project #3**

Title : **QNXT Web Services**  
Client : **Molina Healthcare**  
Environment : Web API, WCF, C#, MVC, jQuery, and SQL server 2012  
Responsibilities : Senior Developer  
Company : **Cognizant Technology Solutions**

- Understand business requirements, study existing application landscape, and identify redundant/ineffective systems.
- Understand overall strategy from product management team and recommend application architecture to support future project needs.
- Strategically design, develop, and implement efficient system in support of core enterprise functions.

- Release planning in align with organization strategy and Production deployment planning and support.
- Application support & maintenance and defect fixing in Production.
- Supporting production issues on agreed warranty period.
- Collaborate with engineers or software developers to select appropriate design solutions or ensure the compatibility of system components.
- Provide technical guidance or support for the development or troubleshooting of systems.
- Document design specifications, installation instructions, and other system-related information.
- Do code analysis using Visual Studio and review the code at different stages while development.

**Description** : In Molina account, the QNXT project involves development of web application and WCF services dealing with healthcare specific features to improve the operations in the Healthcare industry. There are several modules in the web application which are developed in ASP.Net MVC that has individual modules dealing with respective functionalities including dashboard showing charts relating to the data and has the provision for the user to create various requests and get the request tracked through various stages. And the service provides the consumers of various functionalities common to all consumers such that the service is reusable across different teams.

#### **Project #4**

**Title** : **Risk Intelligence Operations (RIO) Applications**

**Client** : **Kaiser Permanente**

**Environment** : MVC.Net, C#, jQuery, SQL server 2008

**Responsibilities** : .Net Developer

**Company** : **Cognizant Technology Solutions**

- Creating design document (High and Low level) and walkthrough it to client
- Designing UI screen and developing the code
- Creating unit test case and doing unit test
- Involved in web development using C#, MVC.Net, Telerik and Kendo UI Controls.
- Do code analysis using Visual Studio and review the code at different stages while development.
- Build and deploy the packages in different environments
- Application support & maintenance and defect fixing in Production

**Description** : To provide the holistic view of the risks and issues in an organization through Risk Intelligence and Operations. The application has several modules including the user administration module and respective module that enable the user to view the information in various dashboards showing charts developed using Fusion charts. Also, the application enables the user to maintain various healthcare and risk managements that help that the Healthcare provider to perform risk analysis. All the modules are developed using ASP.Net MVC and web forms. It is a hybrid web application containing a mix of both web forms and razor views.

#### **Project #5**

**Title** : **CPG – Phoenix**

**Client** : **KLA Tencor**

**Environment** : C#.Net, Windows applications, Windows Service, ASP.Net

**Responsibilities** : .Net Developer

**Company** : **HCL Technologies**

- Preparing Technical Design mapping documents to map Business requirements to the software components
- Involved in web development using C#, and ASP.NET
- Build and deploy the packages in DEV and TEST region

**Description** : KLA-Tencor is the world's leading supplier of process control and yield management solutions for the semiconductor and related microelectronics industries. Most of the components are developed using Windows XP and .Net. The Phoenix is a software package that is used to control the handler which cycles the wafers and is used by all divisions inside KLA-Tencor who perform wafer inspection and analysis. The phoenix package contains several components that are used to control the various operations of the handler.

**Education**

- Graduated in 2010 - Bachelor of Engineering in Electrical and Electronics from Anna University.

**Visa Details:**

**Type of Visa** : H1B  
**Petition Validity Date** : 09/30/2024