Anoop Agarwal

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SUMMARY

- Over (17) years of progressive IT experience in developing business applications using n-tier architecture with experience in all phases of **software development lifecycle (SDLC)** using **waterfall and agile/SCRUM** methodologies**.**
- **Certified Professional Scrum Master from Scrum.Org**
- **Development of micro services using node JS/ .net core.**
- Developed multiple **single page applications** using **React JS and Angular.**
- **Devloped microservices/GraphQL services in Node using Javascript/Typescript.**
- Worked in Design & Development of several application configurations including multi-tier Web-based, Standalone, Distributed and client-server applications using **Object Oriented Analysis and Design** (**OOAD**) concepts and **Service Oriented Architecture** (**SOA**) mostly in cross platform environments.
- **Development of React JS micro app using React, Redux, Express, Babel, web pack, JWT, Mocha**
- Broad knowledge of Front End Technologies: **HTML, CSS, node JS (Angular, React).**
- Modern web application development using client side frameworks including Angular and Bootstrap.
- Hands on experience in using Azure Dev Ops, **Jenkins** for automating software build, Release pipelines processes and managing build artifacts.
- Experienced in Agile, Prototype and Test Driven (NUnit) development methodologies.
- Good domain knowledge of **Insurance/Airline** Industry.
- Overall 8 years' experience of Leading\Managing the team at offshore and Onsite
- 8 years' experience of SCRUM and Agile Methodologies.

TECHNICAL SKILLS

Languages	React JavaScript, Angular, Typescript, Object oriented programming and C# .NET, VB .NET
JS Frameworks	Node JS, React JS, Angular, Redux (Babel, Web pack, Express), React-Redux, JWT, Mocha.js
Web Technologies	GraphQL, HTML, CSS, Bootstrap, JavaScript, Ajax, XMLWCF, Windows Workflow Services (WWF), WPF, Bootstrap, XML, ASP.NET MVC, .NET web services, Restful services using Microsoft .NET Web API,
Database	Oracle with Toad, Microsoft SQL Server, ORM Frameworks(Microsoft Entity Framework)
IDE's	VS Code, Microsoft Visual studio and Web Storm,
Development Tools	Source Control System (Team Foundation Server Version Control, Git), TeamCity, SOAP-UI, Jenkins, Kibana, atom, IIS (Internet Information Services), Dependency Injection Framework like unity, Autofac
Reporting Tools	Crystal Report, RDLC Report
Scrum Tool	Rally, Urban Turtle
Unit Testing	.NET Unit Testing using MS Test Framework or Nunit, Javascript unit testing using Jasmine, Test Driven Development

EDUCATION

- **Poornima College of Engineering, Rajasthan University, India**   **2001- 2005**
  Bachelor of Engineering in Information Technology

WORK EXPERIENCE

Employer – American Airlines Inc.   **Oct 15, 2018- Till Date**
Address: - 1920 W University Dr, Tempe, AZ 85281
Role: - Sr. Software Engineer
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Project Name: Flight Web

Overview:
This is an IT project to maintain the existing TechOps FlightWeb application functionality. The control center use this website to know routing of the aircraft in the whole world. This help to make sure to know when aircraft would be arriving at any airport and to optimize the operations. So that aircraft stays minimum time on the ground.
Responsibilities:-
- Responsible to build complete website and maintained it.
- Single handedly owned all web development activities.
- Migrated Application to Azure converting APIs to Azure functions.
- Optimized overall web components and made them more maintainable, scalable, reusable which improved the overall performance.
- Technology includes MongoDB, .Net Core, Angular JS

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Employer –IntraEdge Inc.   **Oct 16, 2017- Oct 12, 2018**
Address:- 5660 W. Chandler Blvd., Suite 1 Chandler, AZ 85226
Ph:-+1-480.240.5240
Role:- Sr. Object-Oriented Programmer Analyst.
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Client- American Airlines
Tempe, AZ
Role: Sr. Object-Oriented Programmer Analyst.
Project Name: HSDA

Overview:
This project is developed to keep record of regular maintenance of the Aircrafts. This software help in managing record from the technical staff to review from lead and manager. If this is not done properly it can lead to fines from aviation department.

Responsibilities:-
- Worked as a lead developer and responsible for building REST APIs , UI used by various services.
- Mentor new teammates with PR reviews, Design/Architecture reviews and best practices.
- Developed UI components, API and
- Created functions / Stored procedure in SQL server.
- Technology includes SQL server, Angular JS, .NET Core

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Address: - 44, Infosys Avenue
Electronics City, Hosur Road Bangalore
560 100, India
Ph: 918028520261
Fax: 918028520362
Role:- Technology Lead
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Client- Northwestern Mutual
Milwaukee, WI
Role: Technology Lead
Project Name: NM Connect

Overview:
NMC is developed to show consolidate view of the investment and insurance products of the Client. Northwestern Mutual is insurance company which provides insurance and investment products to the clients. All the clients of this company used this website to view performance of their product to make online payments & View Reports.

Responsibilities:
- Created single page applications in React JS for Support Team to help in providing support to the current website.
- Created micro services in node JS using node(express, babel, web pack, jwt, Mongo db)
- Created React App using (express, babel, webpack, React-redux)
- Single page application was developed using Redux.
- Developed Java web services which is used by .NET application.
- Created Split WSDL and SOA governance documents to provide WSRR security.
- Worked on development of .NET MVC application which consume Java web services.
- Used AGILE methodology and participated in SCRUM meetings.
- Have very good experience in requirement gathering from the customer.
- Participated in the discussion with the business experts to understand the Business requirements and translate them in to technical requirements towards development.
- Designed and developed user interface using Visual Studio 2013 and ASP.Net.
- Extensively used Html Helpers for writing views.
- Developed & Supported Application with ASP.Net MVC 4.5 Framework and C#.
- Involved in developing Views, Controllers and Model.
- Used ASP.Net MVC model binding that allows to map HTTP request data with a model.
- Release management (handles the build & deployment of application to various environments).
- Worked on code analysis and fixing defects in Java web services.
- Used GIT/ TFS for source control.
- Implemented Java Web service with top down and Bottom up approaches.
- Developed code using Test Driven (NUnit) development methodologies.
- Lead and manage Infosys onsite team.
- Co-ordinated the team members by doing the code review, code merge and deployment at Onsite and Offshore.
- Worked on Agile Methodologies to do development and support
- Used HP synthetic Monitoring to monitor the website.
- Provided 24X7 Support to the application.

Environment: React JS, Redux, Java, Java web Services, Soap UI, C#, ASP .NET MVC, Crystal Reports, GIT, Team City, Jenkins, Kibana, Kubernetes., Web Storm, atom, Visual Studio 2013, HP Service Manager.

Client – PMI
Mangalore, Karnataka, India
Role: Technology Lead
Project Name: OPUS

Overview:
PMI is a Mortgage insurance company. This application is used to do origination of mortgage insurance policies. This application is multithreaded application which get Request from UI as well as it get request from the multiple websites. Since loan request come from banks are in batches this application was made quite efficient, multithreaded application to

process those batches.

Responsibilities:
- Development of reusable custom\user controls.
- Development of Code on VB.ET Win Forms.
- Developed Multi-threaded code with Database transaction.
- Used ADO.NET in connecting to Data Access management with SQL Server.
- Implemented the project per the Software Development Life Cycle (SDLC) and programming by using fast paced agile methodology, involving task completion, user stories, and iterations.
- Added functionality in business layer and Data access layer.
- Created tools to replace use of registry with xml file.
- Generated the required reports with the help of data grid.
- Used ADO.NET objects such as Data Reader, Dataset and Data Adapter, Data View for consistent access to SQL Server data sources
- Involved in analysis, design and development of the application
- Involved in loading data from XML files to Database
- Lead the team and discuss with clients in daily status Call.
- Developed TFS auto build scripts and auto deploy with Gated Check In.

Environment: VB.NET, VB 6.0, IBM MQ, TFS, Visual Studio, SQL Server.

Client –AON
Mangalore, Karnataka, India
Role: Technology Lead
Project Name: Form Standardization

Overview:
Infosys had built Au Mine application with the collaboration of AON. All the insurance data in old Legacy system (AS 400) need to migrate into Au Mine. In this project we have created a SSIS scripts to migrate records from old system to new application database.

Responsibilities:
- Development of migration Scripts in SSIS using Visual studio 2010
- Analysis of the mapping of current data to Au Mine database fields.
- Team collaboration and management.
- Worked on bug fixing.
- Deployment of the Project**.**

Environment: VS 2010, Text Pad, MS access, SQL server

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Employer –Truworth Infotech Pvt. Ltd   **Nov 6, 2008 – Sept 30, 2010**
Address: 10-B, Dhuleshwar Garden, C Scheme, Jaipur, Rajasthan 302001, India
Ph:-+91-141-2364370/80
Role:- Sr. Software Developer
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Project Name: Doctor Sahab Desktop

Overview:
This software is a clinical application made for small clinics where doctor provide their consultations. In this software user can create doctor schedule, appointments manage doctor schedule manage appointment and fees of the patient. EMR can be also managed with Take Note functionality. It is a desktop application where all the working is given using graphical interface so that user needs to make minimum entries.

Responsibilities:
- Design and develop the application architecture.
- Develop the application in Windows Presentation foundation(WPF).

- Unit Testing and defect fixes.
- Develop Database Design and Optimizations.
- Worked with VSTS.

Environment: VS 2010, SQL Server, WPF

Project Name: BILL-LINK

Overview:
Bill Link was developed for automatic entry of text files received from different hospitals into AMD database. This database is used for approval of insurance claims in USA.

Responsibilities:
- Development of Stored procedures, triggers, tables in the database which can insert\update\delete data in SQL database.
- Development of Win forms for handling of data.
- Design the UI of the application for user interaction.

Environment: VS 2010, SQL Server

Project Name: HIMS

Overview:
This software is made for the handling of all the operations of the hospital. It includes handling of different departments like OPD, IPD, and Blood bank, Lab, Radiology and Store.

Responsibilities:
- Development of Stored procedures, triggers, tables in the database which can insert\update\delete data in database.
- Development of Web forms for handling of data.
- Design the UI of the application for user interaction.
- I developed Modules for OPD, IPD, Blood Bank, Lab, Radiology and store.
- Crystal reports were used for reporting.
- Oracle 9i was used as database.

Environment: VS 2005, SQL Server

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Employer – Braintree Advisory & Consulting Group   **Oct 12, 2007 – Oct 31 2008**
Address: - 201 -202 Manas Bhavan, RNT Marg Indore - 452001
Phone: - +91 (731) 251-0040
Role: - Software Developer
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Project Name: http://www.orientalgemco.com

Overview:
This website was developed for online selling of gems and jewels.

Responsibilities:
- Development of Stored procedures, triggers, tables in the database which can insert\update\delete data in database.
- C# coding for the UI development.
- HTML was developed using XSLT and XML transformation.

Environment: VS 2005, SQL Server

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Client – Market Access Solutions India Pvt. Ltd   **Jan 29, 2007 – Oct 11, 2007**
Address: - 701, 7TH FLOOR, SUSHANT TOWER SUSHANT LOK, PHASE II, SECTOR - 56 GURGAON, Haryana, India
Role: Software Engineer

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Project Name: http://strategicreports.com

Overview:
This website is made for the customers who want to access information regarding oncology on different Criteria's.

Responsibilities:
- Development of Stored procedures, triggers, tables in the database which can insert\update\delete data in database.
- C# coding for the UI development.
- Development of the graphs for showing the data on the screen.
- Development of Asp.net web forms.

Environment: VS 2010, SQL Server

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Employer – Retina Software (P) Ltd   **Aug 2, 2006 – Jan 25, 2007**
Address: - 406, 407 Pink Tower Tonk Road Jaipur, Rajasthan, India
Phone: +91-141-5102644
Role: Application Developer

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Project Name: Net Orbit

Overview:
 In this application, user can watch 100 client computers at same time. User can also control Keyboard & Mouse of these client computers.

Responsibilities:
- Design of the application.
- Research on the windows API to be used to run this application
- Coding in the VB 6.0.
- Analyzing existing applications to make it better than existing application in market.

Environment: Visual Studio, Windows API

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Employer – Oswal Data Processors Pvt. Ltd   **May 2 2005 – Aug 1 2006**
Address: - 201, Brij Kripa Appartment, Mangal Marg, Bapu Nagar, Jaipur – 302015, Rajasthan, India
Ph: - + (91)-141-3242528,
Role: Programmer

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Project Name: Letter Monitoring

Overview:
Letter Monitoring was made for Directorate of local bodies Rajasthan Govt. This project was a five level Software. DLB gets millions of letter every year and it is very hard to maintain the records for all of them. This software helps to make sure that reply of each letter gone on time and record of it can be used for reference.

Responsibilities:
- Coding in VB 6.0
- Developed whole application.
- Gave demo to government officers.
- Write inline SQL queries.

Environment: Visual Studio, Crystal Report