**Vinay**

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**H1b**

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**PROFESSIONAL SUMMARY**

* Around 15 years of full-stack development experience (6+ years US Experience) in design, development, and implementation of software applications in Microsoft .Net technologies.
* Good development experience in C#, ASP.NET MVC, AJAX, Web Services, LINQ, SQL Server, jQuery, JavaScript, ADO.NET, Angular 8, AngularJS, Visual Studio, Web API, ADO.NET, Entity Framework, Azure.
* Experience developing SPA’s using web technologies Angular, AngularJS, HTML, JavaScript, Bootstrap and CSS. Sound knowledge in designing and developing Web applications, Client Server applications, Database design and development**.**
* Worked in industrial domains of Mobile Insurance, HealthCare, Airlines. Worked in Agile Scrum projects and attended Daily Scrum meetings, User Story review meetings, Sprint review and Retrospective meetings as part of Agile Methodology.
* Good Exposure to product on support and maintenance projects which involve level-2 support, bug fixes etc.
* Designed and Developed Microservices for the business components using .NET framework.
* Good experience in all phases of Software Development Life Cycle (SDLC) using software methodologies like Agile, Waterfall, TDD etc. and implementing various design patterns.
* Good working knowledge in reporting tools using SQL Server reporting, Crystal Reports,
* Source control tools such as Microsoft TFS, VSTS. Experience in SSIS and SSRS of MS SQL Server tools. Experience in developing and consuming Web Services and related technologies like XML, XSL/XSLT, XPath, XML Schemas, SOAP, WSDL.
* Experience in Dockerizing .net application and Containerize images and deploy in Kubernetes cluster (Master and Nodes.
* Strong knowledge of Design Patterns.  Worked on reusable code and components.
* Extensive experience in developing and consuming REST web services and working in a micro-service environment.
* Worked in Agile (Scrum) principles and collaborated with team members using Agile techniques including test-driven development, code reviews, and retrospectives.
* Dockerize .net application and Containerize images and deployed in Azure Cluster, Remote Service Fabric Cluster On-prem. Experience in creating Azure Logic App for registering to custom events and dotnet event publisher that sends payload info in JSON and stored the data on-prem Database using On-prem data gateway.

**TECHNICAL SKILLS SET:**

|  |  |
| --- | --- |
| **Languages** | C# (4.0 /3.0/2.0), SQL, Typescript, JavaScript, jQuery, CSS, HTML, JavaScript libraries |
| **.Net:** | ASP.NET 4.5/ 3.5/ 3.0/2.0, ASP.NET Core, Microservices, MVC 4.0, WCF, Web Services, JavaScript, AJAX, Visual Studio.NET, WebAPI, 2013/2010/2008, VS 2017, |
| **ORM** | * ADO.NET, EntityFramework 6.0
 |
| **UI Design** | MVC, HTML, CSS, Twitter Bootstrap 3.0. |
| **Databases** | * SQL Server 2008 R2 / 2005, Oracle10g, Microsoft Windows 7,8 &10, Microsoft Server 2008R2 and 2012R2, Cosmos DB.
 |
| **Scripting** | Angular 5, Angular 8, jQuery, JavaScript, AngularJS |
| **Version Control/CI-CD** | * Visual Source TFS, VSS, Jenkins, JIRA, GitHub, Bitbucket, Azure DevOps
 |
| **Reporting Tools** | * Crystal Reports, SSRS
 |
| **Other Tools** | * OPNET (Monitoring tools), Splunk (searching, monitoring, and analyzing machine-generated big data), ADAM, New Relic, Elastic Search, Pager Duty API, WijmoGrid

  |
| **Cloud Computing** | * Azure (Service Fabrics, Logic Apps, Durable functions)
 |
| **CLI** | Azure CLI, PowerShell, GitBash |

**USA WORK EXPERIENCE (2016-2022) - (Holds an approved I-140)**

**PROFESSIONAL EXPERIENCE**

**Domain Experts Group, MN**

**Role: Tech Lead Feb 2023 – Till Date**

**Working on the following assignment –**

**Duration:** Feb 2023 till date

**Role: Tech Lead**

**Client:** Intersoft Systems.

**Project:** Interact

**Description:** INTERAC accounting and management software solutions designed to empower your business. Helping businesses streamline their accounting and financial management since 1982. Interact has encompassed its features for the various business requirements.

**Accounting & Management Applications**

|  |  |  |
| --- | --- | --- |
| **Core Accounting Applications*** Accounts Payable
* Accounts Receivable
* Bank Reconciliation & Cash Manager
* Document Management System
* ePayCard
* Fixed Asset Management
* General Ledger
* Human Resources Manager
* Payroll
* Report Manager
 | **Construction Applications*** Job Cost
* Job Manager
* Job Tracker
* Equipment Cost
* Equipment Manager
* Service Billing
* Subcontractor Control
 | **Inventory Management Applications*** Inventory
* Inventory Manager
* Order Processing
* Purchase Order
 |
| **Inventory Management Applications*** Inventory
* Inventory Manager
* Order Processing
* Purchase Order
 | **Remote Data Entry Applications*** Time Tracker
* Job Tracker
* Payroll Data Entry
 | **Specialty Applications*** Service Billing
* Time Tracker
* ePayCard
 |

**Duties**-

* Understanding the whole accounting software. Its features and application as mentioned above.
* Design a technical strategy to implement security, encryption, and authorization.
* Design a plan to migrate the software to Web based system like .NET core, Web API.
* Front-end – Angular 8, CSS, HTML, DB – SQL
* Experience in developing Microservices using ASP.NET core.
* Uploaded data to SQL and Container using NoSQL API for Cosmos DB
* Develop documentation throughout the software development life cycle (SDLC)
* Experience on scopes, scripts on Cosmos, Azure services and Cloud.
* Cosmos to SQL data migration at times.
* Engage in Agile SCRUM calls, meetings, and processes.

**NB Ventures, Inc. d/b/a GEP, Clark, NJ**

**Title: Principal Software Engineer, Engineering JUL 2019 – DEC 2022**

**Role: Full Stack Developer (Angular5 developer/.net/Web API)**

GEP 2.0 is a cloud based unified source-to-pay procurement software, that brings end to end procurement functionality for both direct and indirect spend management. It unifies all the different modules in procurement chain under the GEP Smart 2.0. A few of the modules and features I worked on are as follows.

**Worked on the following assignments -**

* Setup Manager.
* Procurement Profile feature.
* Requisition Workbench.
* Budget
* Orders

**Duties**-

* Aligned with PMGs and Seniors to meet the requirements in stipulated timelines adhering to quality and timely support with minimum response time.
* Developed various modules varying in techs from Ng5, AngularJs and .net core. Independently handle module; requisition workbench.
Gained good knowledge on 3rd party tool WijmoGrid, search text engines like elastic search, New Relic, smartng5 controls.
* Communication within team/different teams for getting assistance and providing the same for building a better product. Guide and assist peers and juniors in implementation and understanding.
* UI development and Development of Stored procs and using AngularJS, CSS and integration with MVC/Web API and Coding, unit & integration testing.
* Designed and implemented the application using Microservice Architecture for its various distinct advantages like loose coupling and design patterns.
* Designed and Developed Microservices for the business components using .NET framework.
* Designed and Developed WebAPI for microservices.
* Experience in developing Microservices using ASP.NET core.
* Development with asp.net core with Web API and azure cosmos DB.
* Collaborate with internal teams to produce software design and architecture.
* Write clean, scalable code using .NET programming languages.
* Test and deploy applications and systems and meticulous Unit Testing with attention to detail.
* Revise, update, refactor and debug code, improve existing software.
* Serve as an expert on applications and provide technical support.
* Develop documentation throughout the software development life cycle (SDLC)
* Engage in Agile SCRUM calls and processes.
* Integrated Data streams from Cosmos, Azure SQL to UI.
* Ensuring solutions are aligned with business and IT strategies and comply with the organization’s architectural standards.
* Uploaded data to SQL and Container using NoSQL API for Cosmos DB
* Applying experience and knowledge in systems analysis, design, development, quality assurance and integration methodologies to develop quality technic.
* Application monitoring tools New Relic.
* Data query from the API, NoSQL container using the Azure SDK for .NET, Cosmos DB

**Technology –**

* Angular 8, Web API, C#.Net, Microservices, .net Core, SQL Server 2017, Bootstrap CSS, Bootstrap JS, VS Studio 2017.Azure DB. Cloudberry, Wijmo Grid and APIs, GitHub, XML/XSD/XSLT

**MIRACLE SOFTWARE INC, Novi, MI**

**Role: Software Engineer** **APR 2017 – JUL 2019**

**Worked on the following assignment -**

**Duration:** Feb 2019 till Jul 2019

**Role:** Full Stack developer (angular/.net Web API/SSRS)

**Client Name:** Coca cola consolidated.

**Project:** Cirrus – Business review, EDI Exception, etc.

**Description:** Cirrus project involves generation of SSRS reports, .net applications etc. SSRS report will be to fetch the Cash Operating profit estimates. The task involves connecting external data source leveraging on elastic query. Also, the project involves developing web application involves creating an angular application with web API.

**Duties-**

* Participated in Design document review, code review and daily scrum call.
* Development of Stored procs, elastic queries on Azure.
* Development on UI development using AngularJS, CSS and integration with MVC/Web API and Coding, unit & integration testing.
* Frontend Development in angular JS 1, MVC with bootstrap and Backend development in WebAPI, Entity Framework
* Experience in developing Microservices using ASP.NET core.
* Design and develop code that consistently adheres to good programming practices.
* Enhance the performance and reliability of new and existing solutions.
* Influence technical solutions while coaching newer or less experienced engineers on your Scrum team.
* Adhere to "infrastructure as code" principles and CI/CD best practices.
* Ownership of the DevOps function and drive continuous improvement, automation, and efficiency in the software development lifecycle.

**Technology –**

* Angular 8, Web API, C#.net, SQL Server 2017, Microservices, Bootstrap CSS, Bootstrap JS, VS Studio 2017, Azure DTW, Azure DB.

**Duration:** Jan 2018 till Apr 2018

**Role:** Angular1 developer/.net/Web API/MVC

**Client Name:** Kohler Project Spec Deck

**Description:** Spec Deck Application is targeted for Kohler Plumbing Sales Worldwide and Kohler Stores to help easily create presentations which are Consistent across and are always created with current Data.

**Duties-**

* Participated in Design document review, code review and daily scrum call.
* Development on UI development using AngularJS, CSS and integration with MVC/Web API and Coding, unit & integration testing.
* Frontend Development in angular JS 1, MVC with bootstrap and Backend development in WebAPI, Entity Framework
* Identified potential problems and recommended alternative solutions.
* Work on the deploying the application on azure web apps, azure app services.
* Worked on azure SQL dB, azure storages etc.
* Analyzing azure application insights for errors and warnings logged for trouble shooting.

**Technology –**

* Angular JS 1, MVC, C#.net, SQL Server 2014, Bootstrap CSS, Bootstrap JS, VS Studio 2015, PDFSharp, PD4ML, Moment.js, Require.js, Underscore.js, LESS CSS

**Duration:** June 2017 till Jan 2018

**Role:** Full Stack Developer (Angular2 developer/.net/Web API)

**Client Name:** Delta-Dental

**Project:** GRS Release 2.7 (Proposal Implementation Workflow)

**Description:** GRS is a workflow implementation for proposal. The business is dental insurance and workflow deals with the level of approvals through which the claim is processed by different user roles.

This GRS release include the following. Provide a workflow for new group implementation.

Utilize information from GRS proposal to generate documents for group and capture additional group information along with GRS proposal information to send to aQDen for group and policy implementation.

Duties-

* Participated in Sprint planning, Design document review, code review and daily scrum call.
* Development on Client-side architecture for UI development using AngularJS, CSS and integration with MVC/Web API and Coding, unit & integration testing.
* Frontend Development in angular JS 2, MVC with bootstrap and Backend development in WebAPI, Entity Framework
* Used material design angular controls for calendar, checkbox, model dialog controls.
* Involved in regular maintenance activities, change request implementation, and client co-ordination activities.
* Designed and Developed Microservices for the business components using .NET framework.
* Experience in developing Microservices using ASP.NET core.
* Designed and coded application components in an Agile environment utilizing a test-driven development approach.
* Provided programming estimates, identified potential problems, recommended alternative solutions.
* Worked in close cooperation with project managers and other functional team members to form a team effort in development.
* Collaborated with other members of the product development team.
* Worked with internal and external stakeholders.
* Planned workload in as per the goals and requirements.
* Experience with the features of Angular 2 such as directives, modules, routing.
* Highly used Angular 2 router to build single page application for navigate through the different status and multiple modals.
* Unit testing with Karma.

**Technology –**

* Angular JS 2, MVC 5, C#.net, SQL Server 2014, Microservices, Bootstrap CSS, Bootstrap JS, VS Studio 2015, Entity Framework 6, DI with Unity.

**EXPERIS US INC, HOUSTON, TX**

**Role: Senior Programmer Analyst JUL 2016 – May 2017**

**Duration:** Jan 2017 to May 2017

**Role:** Full Stack Developer(MVC, .net, WEP API)

**Client Name:** United Airlines, Houston, Texas

**Project:** Hotel Room Management

**Description**: This portal is meant for booking of hotel rooms for United Airline passengers in the event of flight delay, cancellation, etc. The admin has all rights to make rooms of hotel available for a specific Hub etc. The agent can book the room for passengers.

**Duties-**

* Daily meeting with the client
* Created UI developing using bootstrap CSS alpha 4(latest) and jQuery UI for generating Carousel on UI, etc.
* Use Entity framework 6, Db first approach.
* Use Dependency injection with Unity.
* Use data annotation and custom validators for MVC validations.
* Experience with the features of Angular 2 such as directives, modules, routing.
* Highly used Angular 2 router to build single page application for navigate through the different status and multiple modals.
* Extensive use of Auto mapper and Modal binders.
* Use of Repository design pattern

**Technology –**

* MVC 5, Angular JS 2, C#.net, SQL Server 2014, Bootstrap CSS V4, Bootstrap JS, jQuery, VS Studio 2015, Entity Framework 6, DI with Unity.

**Duration:** Jul 2016 to Dec 2016

**Role:** Full Stack Developer (.Net/Web API Developer)

**Client Name**: Crocodile Software, Houston, Texas

**Project:** Crocodile Runtime (Instrumentation, Security and File transfer)

**Description:** The runtime was meant to provide the runtime base will sit under the client application. Runtime has the following features:

* Instrumentation – Logging custom info, error etc., to Event Viewers, SQL DB, Emails and SMS (Using Pager Duty) Has three providers to log info, error etc.
1. SQL Server Provider
2. Event Log Provider
3. PagerDuty Provider (using 3rd party PagerDuty API)
* Security – Claim/Role based authentication and authorization, certificates.
* File Transfer: Client/Server model for large file transfer using Async/Await (using Web API)

**Duties-**

* Daily meeting with the client
* Worked on Instrumentation and File transfer, security token authentication.
* Core development, Integration, Web API development, Stored Proc, etc.
* Use of 3rd party API of Pager Duty for email/SMSs alerts.

**Technology –**

* MS SQL Server 2014, C#.net, Web API, Pager Duty, VS Studio 2015, ADO.NET

# INDIA WORK EXPERIENCE

**SYNECHRON TECHNOLOGIES, PUNE, MAHARASHTRA, INDIA**

**Role: Senior Associate Software DEC 2011 – JUN 2016**

**Role:** Full Stack Developer (.Net/AngularJS/MVC Developer)

**Client:** Asurion, Nashville, Tennessee

**Duration:** Dec 2011 to Jan 2016

**Project:** iCare/iWeb – Claim Management System.

**Description:** Asurion offers mobile insurance and have claim processing systems via Web channels. Subscribers can initiate claim for their lost/stolen/damage device through this channel. In this system front end interacts with the middle tier (claim services) to get/save the data. UI applications call a TIBCO layer which internally calls claim services which further communicates with MS SQL Server database using LINQ to SQL.

**Duties-**

* Participated in Sprint planning, Design document review, code review and daily scrum call.
* Participated in Web Service development.
* Coding, unit & integration testing.
* Used RESTful in the Angular JS page with Web API.
* Development on Client-side architecture for UI development using AngularJS, CSS and integration with MVC/Web API
* Developed custom directives, Factories and Services in AngularJS
* Created Web API to reach a wide range of clients with reusable data and operations.
* Used REST services in the Angular JS page to perform CRUD operations on the database server over HTTP with GET, POST, PUT, DELETE to the Web service.
* Implemented routing to allow for the use of a Single-page with different content using route Provider in the AngularJS Module and ng-view in the HTML.
* Implemented Client-side validations using AngularJS Custom Form Validation with ng-show and ng-hide.
* Used Action Filters for user authentications and authorizations and for caching pages to improve performance.
* Wrote SQL procedures, triggers, deployment of web application on DEV environment.
* Created Artifacts and push the build into QA, Staging and Production by raising RFCs.
* Mentoring newcomers as per project requirements
* Contribute in all phases of the development lifecycle
* Fixing bugs and resolving tickets in iCare/iWeb application.
* Designed and coded application components in an Agile environment utilizing a test-driven development approach.
* Created and maintained project tasks and schedules.
* Participate in Root Cause Analysis reviews when applicable using tools like OPNET, JMON

**Technology–**

* MS SQL Server 2008, C#, ASP.NET, MVC 4, jQuery, Web Service / WCF / Web API, LINQ to SQL, AngularJS, CSS, Twitter Bootstrap 3.0. ADO.NET, Knockout.js

**ACCENTURE SERVICES PVT LTD, MUMBAI, MAHARASHTRA, INDIA**

**Role: Senior Programmer NOV 2009 – NOV 2011**

**Role:** Full Stack Developer (.Net Developer, MVC, AJAX, JavaScript, jQuery)

**Client:** AstraZeneca, Mumbai, Maharashtra, India

**Duration:** Nov 2009 to Nov 2011

**Project:** Atlas Search

**Description:** Worked on Atlas Search. Atlas Search is a web-based application based on .NET Framework. This application allows user to search, upload, download, and email the assets pertaining to the pharmaceutical company. The user can get all the available information for the assets on this portal. This application uses
ADAM tool. ADAM is a third-party tool which manages all the assets. This module includes the following releases-

**Search Release 1:**

Taxonomy Web Service: This service fetches all the data relevant and provides the output in the format specified. It is based on canonical schema.

**Search Release 2:**

Translational Scheduler Task: This service would run periodically. The Assets, which are present in the source language are fetched and those need to convert into other languages specified in the configuration file those translated assets are again pushed into database. This release also includes Atlas Search Enhancements for download, notifications, and emails.

**Search Release 3:**

 This also includes atlas search enhancements and new features such as archiving of assets based on its expiry. Allowing users to view assets in low/ mid/ high resolution for image and videos.

**Duties-**

* Primarily involved in core development.
* Handled client status update call.
* Created design documents, and updated defect tracker.
* Responsible for creation of whole Taxonomy Web Service module.
* Responsible for creation of whole translational scheduler task.
* Acquired depth knowledge in ADAM, the tool which manages all the assets.
* Involved in regular maintenance activities, change request implementation, and client co-ordination activities.
* Extended post Go-Live and application maintenance support to the client.
* Leading a group of juniors for this project
* Designing and developing custom solutions and enhancements using ASP.NET, C# and JavaScript.
* Creating SQL Server objects like Table, View, Stored Procedures, ad-hoc queries. Applying different constraints as per the requirement
* Utilized ADO.Net technology extensively for data retrieving, querying, storage and implemented Ado.Net classes and name spaces to create data access components.

**Technology –**

* MS Visual Studio 2008, C#, jQuery, AJAX, MS SQL Server 2005, ADAM, ADO.NET

**3I INFOTECH LTD, MUMBAI, MAHARASHTRA, INDIA**

**Role: Software Engineer JUL 2007 – NOV 2009**

**Role:** Full Stack Developer (.Net Developer, AJAX, JavaScript, jQuery)

**Duration:** Jul 2009 to Nov 2009

**Project:** iFactorSQL, Navi Mumbai, Maharashtra, India

**Duration:** It is a banking product, which is used by over 200 clients in the USA. A desktop application was converted into web application.

**Duties-**

* Primarily involved in core development.
* Created and updated the design documents.
* Responsible for creation of Crystal Report modules.
* Responsible for generating charts.
* Created tabular and matrix reports in SSRS. Wrote stored procedures and functions to create SSRS reports.
* Handled client status update call.
* Managed smooth implementation and testing of the application.
* Involved in designing and implementing the portal module.
* Developed, monitored, deployed SSIS packages.

**Technology –**

MS Visual Studio 2005, C#, JavaScript, AJAX, MS SQL Server 2008, Crystal Reports, ADO.NET, SSRS, SSIS

**Role:** Full Stack Developer (.Net Developer, AJAX, JavaScript, jQuery)

**Duration:** Feb 2009 to Jul 2009

**Project:** eBus Facility, Mumbai, Maharashtra, India

**Description:** eBus Facility is an Intranet/ Internet-based system, wherein the employees from various locations can develop applications for bus pass through the system. Once the request is submitted, a mail will be sent to the admin of respective location for approval. Once the bus pass request is approved, a mail is sent to the user intimating that their request been approved. The bus pass generated from the system is provided to the user.

**Duties-**

* Involved in analysis and designing.
* Primarily involved in core development.
* Responsible for creating whole eBus Facility module.
* Managed smooth implementation and testing of the application.

**Technology** –

* MS Visual Studio 2005, C#, JavaScript, AJAX, MS SQL Server 2000, ADO.NET

**Role:** .Net Developer

**Duration:** Oct 2008 to Feb 2009

**Project**: Consultant Tracking System, Mumbai, Maharashtra, India

**Description**: This module is used by the HR for keeping a track of the consultants who work with 3i InfoTech. Their profile, contract, organization details are tracked.

**Duties-**

* Primarily involved in core development and change request implementation.
* Managed smooth implementation and testing of the application.

**Technology –**

* MS Visual Studio 2005, C#, JavaScript, MS SQL Server 2000, ADO.NET

**Role:** .Net Developer

**Duration:** Mar 2008 to Oct 2008

**Project:** e-Annual Appraisal, Mumbai, Maharashtra, India

**Description:** This module is used to conduct the appraisal of 3i-infotech employees. The appraise fills in the self-appraisal with the details of the work done during the review period and submits to the appraisers to give rating and comments. Later, the moderation committee for promotion, salary, and reviews it figures, bonus, transfers, and trainings.

**Duties-**

* Primarily involved in core development and change request implementation.
* Participated in support and maintenance.
* Managed smooth implementation and testing of the application.

**Technology –**

Visual Studio 2005, C#, JavaScript, MS SQL Server 2000, ADO.NET

**Role:** Full Stack Developer (.Net Developer, AJAX, JavaScript, jQuery)

**Duration:** Jul 2007 to Mar 2008

**Project:** Trial Balance / Audit Portal , Mumbai, Maharashtra, India

**Description:** Automated Trial balance/ Profit and Loss Account preparation of CFO of different geographies for Approval of the Corporate CFO.

**Duties-**

* Primarily involved in core development.
* Handled whole module.
* Managed smooth implementation and testing of the application.

**Technology –**

* Visual Studio 2005, C#, ADO.NET, JavaScript, AJAX, MS SQL Server 2000

**EDUCATION**

**Vidyavardhini College of Engineering and Technology, SEP 2002 - JUL 2006**

**Mumbai University, Mumbai, India**

**Bachelors in computer engineering**