**Raja Chakradhar**

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**Profile Summary:**

Innovative and results-driven Tech Lead/ Sr. Developer with over 15 years of extensive experience in enterprise software development. Proficient in collaborating closely with clients to understand requirements, architecting scalable solutions, and delivering exceptional applications. Expertise spans a wide range of cutting-edge Microsoft and open-source technologies, including .NET,ASP.net Core, Azure, React.js, and more. Skilled in full-stack development, cloud computing, microservices architecture, and DevOps practices. Adept at driving project success across diverse domains such as Oil & Gas, Healthcare, Finance, Manufacturing, and Banking. In addition to my technical expertise, my background includes proficiency in designing and architecting the complete end to end solutions.

**Technical Skills:**

* Programming Languages: C#, VB.Net, JavaScript, Type Script, Python, 3GL/4GL
* Web Development: ASP.NET, ASP.NET Core, React.js, Node.js, jQuery, HTML, CSS
* Cloud Platforms: Microsoft Azure, Azure DevOps, AWS.
* Database Management: SQL Server, Azure SQL, Oracle and MongoDB
* Microservices: Web Services, WCF Services, Web API, Docker, Kubernetes
* DevOps: CI/CD Pipelines (Jenkins, GitLab CI/CD, Azure DevOps), Docker, Kubernetes
* Design Patterns: Dependency Injection, Singleton, Factory & abstract factory patterns
* Data Integration&BI Tools: SSIS, Power BI, Azure Data Factory, Azure Databricks, pyspark
* Version Control Systems: Git, TFS, SVN, VSS, ADO, Git lab, Git Hub
* Agile Methodologies & tools: Scrum, Kanban, Jira, Ado, Remedy, Service Now.

**Azure Services leveraged:**

* Azure App Service (Managed Platform for Building, Deploying, and Scaling Web Apps)
* Azure SQL Database (Managed Relational Database Service)
* Azure Blob Storage (Object Storage)
* Azure Key Vault (Securely Store and Manage Secrets and Keys)
* Azure Active Directory (Identity and Access Management Service)
* Azure Kubernetes Service (Managed Kubernetes Container Orchestration Service)
* Azure Cosmos DB (Fully Managed NoSQL Database Service)
* Azure Data Factory (Cloud-Based Data Integration Service)
* Azure Functions (Serverless Computing)
* Azure Logic Apps (Automate Business Processes and Workflows)
* Azure Monitor (Comprehensive Monitoring and Diagnostics Service)
* Azure DevOps (CI/CD Pipelines, Source Control, Project Management)
* Azure Data Factory, Azure Databricks, Azure Fabrics(Data Engineering)

**Certifications:**

* Microsoft Certified Professional Developer (MCPD): Web Application Developer
* Microsoft Certified Technology Specialist (MCTS): SQL Server
* Certified in Power BI (PL-300)
* Completed Scrum master certification.

**Education:**

* M.Sc. (Computer Science), Andhra University, Visakhapatnam ,India 2002-2004

**Experience Summary:**

**Technical Lead/Sr.Developer | CALPINE, USA | Jan 2024 – Present**

**COMS :** Calpine outage management System developed for the Calpine to manage the production power outages from various systems. It connects to multiple in house applications to expose the outages and dependencies.

* Worked on the development of COMS application leveraging ReactJS, Web API using .Net Core, SQL Server, C# and Azure technologies.
* Designed solutions utilizing Dependency Injection and various design patterns while adhering to agile methodologies.
* Worked on design, development, unit testing and deployment of the application.
* Created are poto perform deployment on Kubernetes using Terraform.
* Expertiseonoutliningventureworkprocesses/pipelinesutilizingJenkinsasCItoolandonbuildingJenkins’s employments to make AWS foundation from GitHub repos containing Terraform code.
* DevelopedTerraformandCloudFormationscriptstocreateInfrastructurefordifferentaccountsanddifferent partners.
* Worked on various Azure functions,storage accounts,Service bus and logic apps.
* Configured and managed the CICD automated Jenkins pipeline to deploy the UI and microservices to AKS pod in a Linux cluster.
* Utilized various Azure services like blob storage, Azure function, Azure Active Directory, Azure SQL, Azure key vault.
* Developed, maintained, and enhanced web applications using ASP.NET Core.
* Created and configured on the ADF pipelines for the data migration via Azure ADF service.
* Lead the team of 5 members and driven through the technical challenges over several phases of development of the application.
* Worked independently as well as collaboratively on cross-functional teams.
* Used the 4GL programming language

**Previous Position: Technical Lead/Sr.Developer | HHSC, USA | Aug 2021 – Dec 2023**

**PIMS :** PIMS is a Pharmacy Inventory Management System developed for the HHSC state client. It has procurement module, order management, Packing and shipping and inventory management.

* Worked on the development of PIMS application leveraging ReactJS, Web API using .net Core, SQL Server, and Azure technologies.
* Developed, maintained, and enhanced web applications using ASP.NET Core.
* Implemented over 25 microservices with .NET 6, C#, LINQ, Entity framework and deployed APIs and UI components using Jenkins pipelines on Azure Kubernetes Service.
* Designed solutions utilizing Dependency Injection and various design patterns while adhering to agile methodologies.
* Worked on design, development, unit testing and deployment of the application.
* This application has an integration with Fed Ex API and generated the shipping labels to ship the medications to clients.
* Configured and managed the CICD automated Jenkins pipeline to deploy the UI and microservices to AKS pod in a Linux cluster.
* Enabled and logged the App insights, Azure telemetry and Azure Dynatrace to track the application events and transactions.
* Utilized various Azure services like blob storage, Azure function, Azure Active Directory, Azure SQL, Azure key vault.
* Worked on the customized dashboards and reports using power BI desktop.
* Worked on the ADF pipelines, Azure Databricks and pyspark
* Lead the team of 15 members and driven through the technical challenges over several phases of development of the application.

**Previous Position: Technical Lead/Sr.Developer** | **Meijer, USA | Jul 2021 – Aug 2021**

**Meijer** : Meijer is a family-owned store, bringing great food, brands, and savings since 1934. It provides great feature of online shopping for all of its products along with the in-store capabilities. The online shopping portal is getting extended with the new payment capabilities like EBT card along with the debit/credit card payment modes and has been hosted in Microsoft azure with lot of Azure services like function apps, logic apps, app services, app insights Web API & micro services.

* Developed the enhancements for Meijer's online shopping portal using .NET core, React JS, Node.js, and Azure services, facilitating new payment capabilities integration.
* Developed, maintained, and enhanced web applications using ASP.NET Core.
* Ensured agile methodology adherence throughout the development lifecycle.
* Developed SSIS jobs for the ETL process and worked on SSRS reports.

**Previous Position: Technical Lead/Sr.Developer | Chevron | May 2015 – Jun 2021**

**Well Certification Management**: This is a project that handles multiple modules in Chevron account. Chevron Corporation is an American multinational energy corporation. One of the successor companies of Standard Oil active in more than 180 countries. Chevron is engaged in every aspect of the oil, natural gas and geothermal energy industries, including hydrocarbon exploration and production; refining, marketing and transport; chemicals manufacturing and sales; and power generation.

* Worked on the development of the Well Certification Management Portal project .net core ,Asp.net, Asp.net Core, LINQ C#, SQL Server, Web API using .Net Core, React, NodeJS, jQuery, Kindo UI.
* Used various Azure Cloud services like Blob storages, Azure Function, logic apps, Kay vault, App insights, Azure telemetry, AAD via SAAS and PASS models.
* Lead a team of 12 members development team and worked with them on various challenges.
* Implemented ADO CI/CD pipelines and automated deployment patterns, optimizing development processes.
* Worked on the power BI reports and ADF pipelines, Azure Databricks and pyspark
* Worked on design, development, unit testing and deployment of the application.
* Designed and developed the automated ETL jobs using SSIS and worked various SSRS reports.
* Well versed with agile methodology and scrum framework.
* Worked in production live support.

**Previous Position: Technical Lead/Sr.Developer | Humana Inc, USA | Oct 2013 – May 2015**

**Online Auth application**: Online auth is a web application which is mainly deals with behavioral health insurance features offered by Humana Inc. Humana is one of the leading health care insurance providers in USA. It has got provider search, member eligibility, level of care based on member eligibility, claims price, claim status tracking, welcome calls, integration with provider portal, pay pilot, dimension.

* Development of Online Auth, a behavioral health insurance web application, using ASP.NET, C#, MVC, LINQ and Azure.
* Automated deployment processes using Azure DevOps and configured various Azure components for seamless application hosting.
* Maintained agile methodology practices for efficient project delivery.
* Worked on Agile methodology and well versed with scrum process.

**Previous Position: Lead Developer | PWC, USA | Jul 2012 – Oct 2013**

**Insights Program**: The objective of the application, Insights Program is to replace the current process of submission of CDP’s (Core Data Points), request for information (Ask) & creation of Deliverables in Insights system with a more efficient and automated process to facilitate adoption of the new system and reduce the number of manual tasks involved in maintaining the system. Worked on core application development using visual studio, .NET framework, and C #.NET, ASP.NET, Web API, SQL Server 2008, SSIS and SSRS reports.

* Involved in working with database entities like stored procedures, functions and other database objects.
* Developed and hosted WCF Services. Good experience in agile methodology.
* Worked on ETL tool and developed SSIS packages and scheduled them in SQL Agent.

**Previous Position: Lead Developer | DFFE, Denmark | Sep 2011 – Jul 2012**

**Case management system** :Case system is called as sager system in Danish, which is developed for Danish food and fisheries extension (DFFE),Denmark. This application deals with loans/subsidies provided to formers and fisher men. This has got 13 modules like skema, information model, regel set, economy, stikprove, control, breve, bergening, ordining, komonitor, opgaver, CM tool, case module, reports module..

* Responsible for designing and Coding of Business layer, Data Access layer using ASP.Net and C#.
* Responsible for writing client side JavaScript to make the application faster
* Designed and developed database in SQL Server by writing stored procedures, creating SQL Server jobs, SQL functions and optimized the performance in various aspects.
* Developed the complex SSIS package and scheduled as SQL jobs

**Previous Position: Sr. Software Engineer | Lloyds Bank, UK | Jun 2010 – Sep 2011**

**MSP**: MSP means Mortgage Sales Process. It was developed for Lloyds Banking Group, UK. LBG is leading market leader in mortgage sales in UK. MSP contains all the process right from user management, quote generation and different flows like Customer, KFI, Full App, Completions.

* Developed the MSP application for Lloyds Banking Group, UK, utilizing ASP.NET, C#, and SQL Server, Crystal reports
* Contributed to technical documentation and provided expertise in software architecture and design.

**Previous Position: Software Engineer | Shell | Jan 2009 – Jun 2010**

**Fountain Application**: Fountain is an application consists of Fountain incident management and Fountain Assurance management (FIM and FAM).This consists of several modules like incidents, action items, investigations, consequences, findings, assessments. Users can access the modules depends on their roles and group permissions for the respective hierarchy.

* Worked on the technologies ASP.NET, C#, and SQL Server.
* Worked on Agile methodology and followed the scrum pattern

**Previous Position: Project Engineer | MyInfra, India | Aug 2006 – Dec 2008**

**MyInfra** : MyInfra is the customized ERP Package developed for MyInfra. This package Consists of different Modules like Admin, Asset, Audit, Contracts, EOHS, Finance, HR, Legal, Logistics, Planning, Purchase, Stores and Training modules. Each Module takes care of automation of different departments and activities. All the modules are interconnected to each other. It automates various operations like Planning & Scheduling, Execution & Control, Resource Management, Inventory Management, Quality Control, HR, Training, Audit, Safety and Finance Management.

* Worked on the technologies C#.NET, ASP.NET, SQL Server 2008 and SSRS reports.
* Involved in testing the application modules using manual testing.