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PROFESSIONAL PROFILE

* With over 12+ years of experience in the IT industry, I have a diverse skill set and a strong background in various technologies and frameworks. I have extensive expertise in Client/Server n-tier architecture, Web-Applications, and Object-Oriented Analysis and Design. My experience encompasses both project management methodologies such as SAFe, Agile Scrum, and Waterfall. I have extensive knowledge in ETL (Extract, Transform, Load) processes using Informatica.
* In terms of web application development, I have leveraged various technologies including **.NET, C#, ASP.NET MVC , WebAPI** , **AJAX, JavaScript, jQuery, bootstrap, Angular, React**. I have employed front-end Microservices architecture, implemented design patterns such as Singleton and Factory, and utilized Dependency Injection for object decoupling. I have also integrated authentication and authorization mechanisms using Azure Active Directory and Asp.Net Identity and incorporated third-party services like Google Maps API for address lookup. Experience inconfiguring and developing on IIS 7.5 and 8.5 platform.
* Furthermore, I have experience in logging and monitoring applications using Azure AppInsights, configuring API Explorer with Swagger UI, and ensuring code quality through bug resolution and vulnerability identification using tools like SonarQube. I have employed Postman and Swagger for API testing and adopted Test Driven Development practices.
* In database development, I have worked extensively with SQL Server 2012-2018, creating stored procedures, views, and triggers. I have utilized LINQ and ADO.NET for communication with database objects and implemented performance optimizations such as indexing and query tuning. Strong Experience in routine maintenance tasks such **as database backups, index rebuilds, and statistics updates**. **Troubleshooting and resolving database-related issues**, such as data inconsistencies and performance problems. Strong Experience in analyzing **query execution plans**, identifying **bottlenecks**, and implementing performance improvements through query optimization, indexing, and caching techniques.
* In cloud-based environments, I have worked with Azure services including Azure Functions, Azure Service Fabric, Azure Service Bus Queue, Azure Blob Storage, and Azure SQL. I have utilized Key Vault for managing secrets and Azure DevOps for CI/CD integration and deployment automation. Additionally, I have experience in migrating SQL Server databases to Azure. Expertise in Microsoft Azure Cloud Services (PaaS & IaaS), Application Insights, Azure Monitoring, Key Vault, Azure Functions, Azure VMs, Azure Storage like Blobs, and Azure SQL. experience in Azure SQL, Synapse On-Demand, Synapse Dedicated pools, Azure Data lakes and Azure Data pipes.
* Working closely with business stakeholders and data analysts, I have gathered requirements, translated them into technical specifications, and designed data models to support business intelligence and reporting needs. I have developed data pipelines to extract data from transactional systems, transform it into a suitable format, and load it into data warehouses for reporting and analysis purposes.
* Throughout my career, I have demonstrated proficiency in a wide range of responsibilities and tasks. I have developed charts using High Charts and jQuery, implemented client-side caching for data optimization, and utilized jQuery Data tables for asynchronous data loading and display. Additionally, I have created reusable components, designed configurable filters, and built Restful API services to cater to specific requirements. I have participated in code reviews, scrum meetings, and sprint planning sessions. I have demonstrated a strong understanding of software development best practices, adhering to coding standards and emphasizing clean, efficient, and maintainable code. I have worked collaboratively with cross-functional teams, documented code, and project specifications, and ensured timely project delivery.
* Overall, I bring a comprehensive skill set, a focus on delivering high-quality solutions, and a track record of successfully tackling complex projects. I am dedicated to continuous learning and staying up to date with emerging technologies, enabling me to adapt and thrive in dynamic and challenging environments.
* Strong knowledge of **Software Development Life Cycle** (SDLC) and expertise in detailed design documentation in **Agile, DevOps methodologies**.
* Independently perform complex troubleshooting, root-cause analysis and addressing **P1 tickets under SLA** in an ITIL environment. Ability to perform independently as well as in a team.
* Ability to meet **deadlines and handle multiple tasks, decisive with strong leadership qualities, team player with good interpersonal and communication skills.**
* **Awards: Received Outstanding Performance (FY16, FY20), Bravo (FY13) and INSTA (FY17, FY18) Awards for contributions in various projects.**
* **Plan, execute and deliver** multiple releases of the product working closely with the Product Owner, Solution Architect and Development teams.
* Advance knowledge of relational databases, entity relationships, data warehousing, facts, dimensions, and star schema concepts and terminology.
* Facilitated Iteration Planning, Daily Scrum, Iteration Review, Iteration Retrospection meetings with Agile teams.
* Helped the Product Owner/Product Management in maintaining, refining, and prioritizing the product backlog.
* Thorough understanding of team and Capacity planning based on the historical data for the team members and any other factors influencing the capacity.
* Helped the team in deciding the Iteration backlog for every iteration.
* Knowledge of creating reports and dashboards in visualization tools like Tableau and PowerBI.

TECHNICAL SKILLS

* Data Warehouse Ecosystem**: Informatica.**
* Databases: **MS SQL Server, Oracle, Teradata.**
* Cloud Technologies: **Azure, AWS, GCP, Snowflake.**
* Technologies: **C#.NET, ASP.Net Web Forms, ASP.Net MVC, Entity Framework, Asp.Net Core 2.0, HTML5, Angular 8, AngularJS, JQuery, JSON, CSS3, Bootstrap, Web Services, API and WCF.**
* Tools**: Git, BitBucket, Azure DevOps, JIRA, SQL Server Management Studio, Toad, Visual Studio 2019, Cisco workload Automation, Tidal Enterprise Scheduler, Cisco Control-M, Tableau, PowerBI, Putty, Win SCP, Miro Dashboard, Gulp, Postman, Swagger, Fiddler, ServiceNow, Microsoft PowerApps,Junit, Gulp, ServiceNow, UDeploy and URelease.**
* **Azure:** Azure Functions**,** Azure Service Bus Queues and Topics, Azure Service Fabric, Azure Blob Storage, Azure CosmosDB, Azure PAAS, Azure AD, Azure AppInsights and Azure IAAS, Azure DevOps
* Methodologies**: Agile Scrum, Kanban, Waterfall Model.**

CERTIFICATIONS

* **Microsoft® Certified Solutions Expert: Cloud Platform and Infrastructure Charter Member” (CERTIFICATION NUMBER: F794-2473).**
* **MICROSOFT CERTIFED PROFFESIONAL in “Developing Microsoft SQL Server Databases (70-464).**
* **MICROSOFT CERTIFED PROFFESIONAL in “Designing Business Intelligence Solutions with Microsoft SQL Server (70-467)”.**
* **Microsoft® Certified Technology Specialist: .NET Framework 4, Web Applications (CERTIFICATION NUMBER: F475-6461)**
* **Microsoft® Certified Solutions Associate programming in C#(CERTIFICATION NUMBER: F475-6459)**
* **Certified Scrum Master from Agile Scrum.**

PROFESSIONAL WORK EXPERIENCE:

**PROJECT #1 (*Feb ‘22 to Current)***

Illinois Middle School Govt, Dekalb IL Full Stack Web Developer

Project Description:

The Illinois Report Card's My Data Dashboard offers an interactive online platform that visually presents key education metrics such as student achievement on assessments like the Illinois Assessment of Readiness (IAR), attendance rates including chronic truancy, student demographics, graduation rates, and school environment factors. Users can explore trends over multiple years, compare different schools or districts, and access data on teacher qualifications, class sizes, and more. This dashboard is a valuable tool for educators, parents, policymakers, and the public to understand and analyze various aspects of school and district performance. It is accessible and user-friendly for the most current and accurate information, visit the official Illinois Report Card website maintained by the Illinois State Board of Education.

Responsibilities:

* Develop new charts using HighCharts and jQuery.
* Implemented client-side caching for the student roster data.
* Used jQuery Data tables to asynchronously load data and display on client-side.
* Created reusable components to display the roster data across multiple places in the application.
* Created configurable design to filter the data presented in the UI.
* Built Restful API services to serve jQuery requests.
* Developed Web Application using **ASP.NET MVC 6**, **Angular 8** and **ASP.Net WebAPI, ASP.Net Core** using front-end **Microservices** architecture.
* Used **Design patterns** like **Singleton and Factory** for building effective business logic using SOLID principles.
* Implemented **Dependency Injection** to decouple objects.
* Developed **Restful Web API services** using **Azure Functions** with HTTP Trigger to serve the front-end and provide data to third-party applications connecting to our application.
* Designed the Queue-Worker pattern using **Azure Service Fabric, Azure Service Bus Queue and Azure Blob Storage**.
* Implemented Authentication using **Azure Active Directory** and Authorization using **Asp.Net Identity**.
* Integrate with **Google Maps API** for address lookup across locations in the United States.
* Implemented logging in the application using **Azure AppInsights**.
* Configured API Explorer using **Swagger UI** via **Swashbuckle** package.
* Resolved Bugs, vulnerabilities, and code smells in the projects using **SonarQube**.
* Secured the components with the appropriate **Role-based permissions**.
* Used **Postman and Swagger** to verify API services Request & Responses
* Implemented **Test Driven** Development for API services
* Used **LINQ & ADO.NET** to communicate with Database objects.
* Created **Stored Procedures, Views, CTE, and Triggers** to fetch relational data from different Data Database Objects.
* Worked on **Cursors** in SQL server to read the XML data and transform into the tables.
* Created **SQL views** for PowerBI dashboards in the application.
* Involved in project deployments from **build**-> **release** -> **Dev deploy** -> **QA Deploy** using Azure devops.
* Developed Web Application using ReactJS and ASP.Net WebAPI, ASP.Net Core using front-end Microservices architecture
* Highly involved in **SQL Server Database Design Modelling** and **performance tuning** of the application database.
* Written **SQL Merge statements** to perform **CRUD operations** on tables.
* Created **clustered and non-clustered indexes** to improve the performance of the SQL queries.
* Strong Experience in routine maintenance tasks such **as database backups, index rebuilds, and statistics updates**. **Troubleshooting and resolving database-related issues**, such as data inconsistencies and performance problems.
* Used **Azure Queue, Timer & EventGrid** trigger functions to run On Demand and continuous jobs.
* Used **Azure SQL** to store enriched data after business process.
* Used **Key Vault** to maintain secrets in the Azure environment.
* Used **Azure DevOps** to maintain Product Backlog Items, User Stories, Tasks, and Bugs
* Used **Azure DevOps** to automate **Azure deployment** of **CI/CD** process.
* Experience in Migration of SQL Server from **On Prem to Azure**.
* Designed, developed, and deployed serverless applications using Azure Function Apps. Integrated with various Azure services and external systems to create event-driven solutions.
* Developed, configured, and managed data integration and ETL (Extract, Transform, Load) pipelines using Azure Data Factory.
* Participated in **Code reviews** ensuring **coding** and **design** standards.
* Participated in **daily scrum meetings & 2-week sprint meetings**.

Environment: ASP.NET MVC, C#.NET, MS SQL Server 2018, JQuery, Jira, Azure Devops,XML and PowerBI

**PROJECT #2 *(Jan ‘16 to Dec’21)***

Everest HealthCare, MA Senior Web Developer

Responsibilities:

* Developed a new cross-browser and cross-device compatible application using **Angular 6** and **Asp.Net MVC**.
* Built responsive UI using Bootstrap 4 and utilized BrowserStack to test on multiple devices and browsers.
* Created several custom directives and filters using **Angular and JavaScript** to create dynamic questionnaire forms.
* Created **Angular templates** for various custom controls in the application.
* Used **Cache storage API** on the browser to reduce the number of calls to the server.
* Implemented **Caching on ASP.Net MVC** using Cache attributes and in-memory cache.
* Built Restful services to serve Angular requests and to read data from various integrations like **SAP, ServiceNow** using **C#, MVC/WebAPI**, and **Object-Oriented** Methodology.
* Developed email module that generates email based on the email template. Configured and managed the templates in SQL Server.
* Implemented **WebAPI** Security using Roles and Anti-Forgery tokens to allow only authorized roles/agents to invoke an API.
* Used **Dependency Injection and LINQ** techniques.
* Implemented server-side validations with ASP.Net data annotations.
* Web Security using JSON web tokens (JWT) to authorize communication in a B2B integration with other internal applications.
* Created **Tables, Stored Procedures, User Defined Functions, Views, and Triggers for different data operations** on the database using SQL server.
* Implemented Database project in Visual studio and **GIT** as the source control for the database. Implemented DACPAC project for **CI/CD** integration.
* Utilized table types, table variables and Common Table Expressions (CTE).
* Performance tuning of the **stored procedures** using SQL query plan and Profiler.
* Coordinated Load tests and contributed to tuning the database to meet the non-functional requirements set by the load model.
* Responsible for **Performance Tuning** at the Mapping Level, Session Level, Source Level and the Target Level for Slowly Changing Dimensions Type1, Type2 for Data Loads
* Configured the **sessions** using workflow manager to have multiple partitions on Source data and to improve performance. Understand the business needs and implement the same into a functional database design.
* Prepared **Unit/ Systems Test Plan** and the **test cases** for the developed mappings.
* Load data from **Azure Data Lake and Azure Blob Storage** into SQL Server.
* Created Complex script for Source Qualifier for **Incremental and bulk data** Load.
* Created **SQL views** for PowerBI dashboards in the application.
* Highly involved in **SQL Server Database Design Modelling** and performance tuning of the application database.
* Written **SQL Merge statements** to perform CRUD operations on tables.
* Created **clustered and non-clustered** indexes to improve the performance of the SQL queries.
* Used **COPY** to bulk load the data.
* Storing experience in RDBMS topics, ability to write complex SQL, PL/SQL views for Insights.
* Designed, developed, and deployed serverless applications using Azure Function Apps. Integrated with various Azure services and external systems to create event-driven solutions.
* Developed, configured, and managed data integration and ETL (Extract, Transform, Load) pipelines using Azure Data Factory.
* Developed solutions that enable the interoperability of different healthcare systems, allowing them to exchange patient data.
* Implemented robust security measures to ensure patient data is protected during transit and storage, in compliance with regulations like HIPAA (Health Insurance Portability and Accountability Act).
* Designed user interfaces that allow healthcare providers to access, and review exchanged patient information efficiently.
* Designed error-handling mechanisms to handle situations where data exchange might fail or encounter issues.
* Developed algorithms to parse CCDA documents and extract relevant clinical data for integration into other systems.
* Mapped the structured data within CCDA documents to the data models used by various healthcare systems for proper interpretation and utilization.
* Participated in interoperability testing to ensure CCDA documents can be exchanged and correctly interpreted by different healthcare systems.
* Participated in Code reviews ensuring coding and design standards.
* Participated in daily scrum meetings & 2-week sprint meetings.

Environment: **C#, ASP.NET Framework 4.5, MVC, Angular, JavaScript, SQL Server, Restful web service, HTML5, CSS3, GIT, MS SQL Server 2017, Unix, PowerBI, TFS.**

**PROJECT #3 *(June ‘14 to Dec’15)***

Microsoft, Redmond, WA Technical Lead

Responsibilities:

* Module Lead for Payroll, Time and Attendance modules.
* Delivered new enhancements and fixed bugs as part of production support.
* Developed dashboards for My Leaves, Monthly Payroll, Check- in/Check-out status, Events etc.
* Worked as a **Lead** coordinating with **onsite and offshore team members**.
* Followed **ITIL processes**, **adhering to SLA**. **Problem Management Lead** for repeated incidents providing leadership with detailed report on the Problem, ensuring minimization of the reoccurrence of the issues.
* Worked on **SOW, IT Process framework**, **SLA** Report and **Weekly status reports**.
* Developed Web Application using **ASP.NET MVC 5, Angular2** and **ASP.Net Web API.**
* Created and Managed C**omplex stored procedure** in Production Support and enhancements.
* Visited **Hanoi, Vietnam** to meet with the clients and understand the onsite application setup.
* Created **Stored Procedures, Views, CTE, and Triggers** to fetch relational data from different Data Database Objects.
* Highly involved in **SQL Server Database Design Modelling** and **performance tuning** of the application database.
* Created **clustered and non-clustered indexes** to improve the performance of the SQL queries.
* Worked as **Database administrator** as well as **Database developer**.
* Responsibility to run the team scripts in production and deploy the biweekly development changes to production.
* Leaded small team members and successfully stabilized the application from non-functional to functional for some of the modules.
* Created POC for Angular2 applications for the migration of legacy module windows applications to Web applications.

Environment: C#.NET, VB.NET, .Net Windows Forms, MS SQL Server, ASP.Net MVC, Angular 2.

**PROJECT #4 *(Sep ‘10 to Dec’13)***

Med life Insurance, India Senior Developer

Responsibilities:

* Bug fixes, support **P1 and P2** tickets adhering to SLA.
* Created knowledge documents portal for the support procedures for frequently sought tickets.
* Analyzed and provided estimations for new **enhancements** to the applications for initial estimations as part of Application Lifecycle Management team.
* Worked closely with the Stake holder and Manager/Supervisor for requirements.
* Weekly/biweekly updates to the supervisor/manager in Reports.
* Created **Stored Procedure** and Managed Complex stored procedure in Production Support and enhancements.
* Highly involved in **SQL Server Database Design Modelling** and **performance tuning** of the application database.
* Created **clustered and non-clustered indexes** to improve the performance of the SQL queries.
* Worked as **Database administrator** as well as **Database developer**.
* Responsibility to run the team scripts in production and deploy the biweekly development changes to production.
* Leaded small team members and successfully stabilized the application from non-functional to functional for some of the modules.
* Created POC for ASP.NET MVC applications for the migration of legacy module of ASP applications to Web applications.
* Created POC for migration of all applications from VM to Azure IAAS/PAAS
* Created POC for migration of SQL Server OnPrem to Azure SQL Server.

Environment: C#.Net, MS SQL Server, Oracle, Java and JSP, ASP.NET MVC, Azure, Webservices and WCF

EDUCATIONAL QUALIFICATION:

* Completed bachelor’s in **information technology** from Nagarjuna University, Vijayawada, India in May 2006 with GPA 3.28.