**Entity Karthik Govindu**

**Sr. .NET Developer**

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| **PROFESSIONAL SUMMARY** |
| * .NET Developer with over 8+ years of comprehensive experience in building robust and scalable applications.
* Proficient in C#, VB.NET, and ASP.NET Core MVC, adept at utilizing EF Core and LINQ for efficient data manipulation.awspython
* Experience in Microsoft Dynamics CRM Data integration towards import/export of data using SSIS and custom application development.
* Extensive experience using framework APIs like Struts, Spring, iBatis and Hibernate.
* Experience in using the jQuery libraries AngularJs, Kendo UI.
* Very well knowledge in Server and Client-side scripting languages like HTML5, CSS3, JavaScript wif ECMA6 features, JSON, Bootstrap, Angular, Angular 10/12/13, Node, Node Js
* Manage the customizations, extensions and integration of the CRM applications.
* Extensive knowledge of cloud platforms such as Microsoft Azure and AWS, with hands-on experience in deploying and managing applications.
* Skilled in front-end technologies, including HTML5, CSS3, JavaScript, and frameworks like React, Angular, and Vue.js for crafting engaging user interfaces.
* Well-versed in WPF and XAML for developing rich Windows Presentation Foundation applications.
* Experienced in implementing Continuous Integration/Continuous Deployment (CI/CD) pipelines using Azure DevOps, Jenkins, Docker, and Kubernetes.
* Proficient in various source code management tools, including Git/GitHub, BitBucket, and TFS.
* Strong background in testing methodologies with expertise in MsTest, Selenium, NUnit, and XUnit.
* Knowledgeable in SQL Server, MySQL, MongoDB, and Cosmos DB for effective data storage and retrieval.
* Expertise in generating reports using SQL Server Reporting Services SSRS 2005/2008 , Crystal Reports, and MS Excel spreadsheets.
* Expert in designing enterprise reports using SQL Server Reporting Services SSRS 2005/2008 to generate drill down reports, drill through reports, parameterized reports, linked reports, sub reports, matrix dynamics and filters, charts.
* Skilled in authentication and authorization protocols like OAuth and JWT, along with proficiency in configuring IIS and Kestrel servers.
* Familiar with messaging technologies such as SignalR and Kafka and building RESTful Web APIs.
* Experienced in Agile methodologies like Scrum and Kanban, and proficient in using tools like JIRA and Confluence for project management.
* Proficient in IDEs, including Visual Studio, JetBrains Rider, and Visual Studio Code, with a strong grasp of debugging and troubleshooting techniques.
* Excellent communication skills, conveying complex concepts to technical and non-technical stakeholders.
* Strong problem-solving abilities, capable of analyzing issues and devising effective solutions to ensure project success.
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| **TECHNICAL SKILLS** |
| **Programming Languages**: C#, VB.NET**.NET Development:** ASP.NET Core MVC, EF Core, LINQ, ASP.NET Core Web API**Desktop Application Development:** WPF (Windows Presentation Foundation), XAML**Cloud Services:** Microsoft Azure, AWS**Containerization and Orchestration:** Docker, Kubernetes (AKS)**Development Environments:** JetBrains Rider, Visual Studio Code, EclipseCRM Tools: Microsoft Dynamics CRM D, 2015, 2013, 2011, 4.0, SharePoint 2010 | **Source Code Management:** BitBucket, Git/GitHub, TFS, VSS**Testing:** MsTest, Selenium, NUnit, XUnit, Mockito**CI/CD:** Azure DevOps, Jenkins**Authentication and Authorization:** OAuth, JWT**Servers:** IIS, Kestrel**Web Technologies:** HTML5, CSS3, JavaScript, jQuery, Bootstrap, XML, XSLT, Razor, React, Angular, Blazor, AJAX, JSON, Vue.js**UI Frameworks :** JQuery, Angular.js, Kendo UI , Bootstrap-4/5, Angular10/12/13, Node JS | **Communication and Integration:** SignalR, Kafka, WCF, react ful Web API, APIs**Database Development:** SQL Server, MySQL, MongoDB, Cosmos DB**Infrastructure as Code (IaC):** ARM Templates, Terraform**Monitoring and Logging:** ELK, Azure Monitor**Documentation and Reporting:** Swagger, SSRS, Crystal Reports**Project Management:** JIRA, Agile, Scrum, Kanban, Confluence |

**WORK EXPERIENCE**

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| **Torani, San Leandro, CA****Sr. .NET Developer** | **Jan 2022 - Present** |

* Collaborated with cross-functional teams to define and execute software development lifecycle (SDLC) processes, ensuring timely delivery of high-quality solutions.
* Developed and maintained web applications using ASP.NET Core, C#, and EF Core, adhering to best practices and design patterns for robust and scalable codebase.
* Utilized LINQ to query and manipulate data across various data sources, enhancing code readability and
* UI FrameworksDesigned and developed UI Search and results screens for legal Professionals and legal Organizations using JSF my Faces, JSP, JavaScript, HTML5, CSS3, AngularJs.
* Developed UI screens using CSS, JavaScript for validations, and JQuery for animations.efficiency.
* Created ETL packages using heterogeneous data sources SQL Server, ORACLE, Flat Files, Excel source files, XML files etc and then loaded the data into destination tables by performing different kinds of transformations using SSIS.
* Designed dynamic and multi-browser compatible pages using HTML, CSS, JavaScript, Angular Material, Typescript, Angular 13.1.2.
* Used Angular 13 as framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data wif server by using JavaScript and TypeScript programming.
* Generated various reports with drilldowns, drill through, calculated members and dropdowns from the cubes by connecting to analysis server and SQL Server from SSRS.
* Leveraged Microsoft Azure services such as App Service, Blob Storage, and SQL Server for cloud-based application hosting, data storage, and management.
* Integrated Cosmos DB for NoSQL database requirements, ensuring scalability and global data distribution.
* Implemented XML and XSLT for data transformation and presentation within applications, ensuring compatibility and flexibility.
* Developed interactive and responsive user interfaces using JavaScript, Bootstrap, HTML5, and CSS3, ensuring optimal user experience across devices.
* Utilized React.js framework, ARouter, and Redux for building dynamic and scalable front-end components and state management.
* Employed Razor and Blazor for server-side and client-side rendering of web applications, respectively, ensuring high performance and maintainability.
* Implemented real-time communication features using SignalR, facilitating seamless application interaction and collaboration.
* Developed serverless applications using Azure Functions, leveraging event-driven architecture for scalable and cost-effective solutions.
* Managed sensitive application secrets and keys using Azure Key Vault, ensuring secure access and storage of cryptographic keys.
* Optimized web server performance using Kestrel and containerized applications using Docker, ensuring portability and scalability.
* Orchestrated container deployments and managed Kubernetes clusters (AKS) using ARM Templates, ensuring efficient resource utilization and scalability.
* Managed source code using BitBucket and Azure DevOps, facilitating version control, collaboration, and continuous integration/continuous deployment (CI/CD) pipelines.
* Implemented logging, monitoring, and analysis using ELK stack (Elasticsearch, Logstash, Kibana), ensuring proactive issue identification and resolution.
* Utilized Azure Data Studio for database management and query optimization, ensuring efficient data storage and retrieval.
* Integrated Azure AD for secure authentication and authorization within applications, ensuring compliance with security standards.
* Developed and executed unit tests using MsTest and automated UI tests using Selenium, ensuring code quality and reliability.
* Worked in Agile environments following Scrum methodologies, actively participating in sprint planning, daily stand-ups, and retrospectives to deliver value incrementally.
* Utilized JetBrains Rider as an integrated development environment (IDE) for efficient coding, debugging, and collaboration.

**Tech Stack:** ASP.NET Core, C#, EF Core, LINQ, Microsoft Azure, React, Razor, Blazor, SignalR, Kestrel, Docker, AKS, ARM Templates, BitBucket, Azure DevOps, ELK, Azure AD, MsTest, Selenium, JIRA, JetBrains Rider, Agile, Scrum.

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| **Experian, Costa Mesa, CA****.NET Developer** | **Sept 2020 - Dec 2022** |

* Used C#, ASP.NET, and  Docker (MUST)s to adhere to best practices and deliver high-quality software solutions.
* Involved in requirements gathering, analysis and project planning.
* Imported contacts from existing application into **MS Dynamics CRM Online**
* Customized **MS Dynamics CRM 2013**application based on the business requirement
* Created several client-side extensions using **JavaScript, CSS**and **HTML.**
* Migration of data from Excel source to **CRM using SSIS**.
* Utilized XML and XSLT for data transformation and manipulation, ensuring compatibility and interoperability between different systems.
* Employed LINQ (Language Integrated Query) to query various data sources and enhance code readability and maintainability.
* Leveraged Entity Framework for object-relational mapping, simplifying application data access and manipulation tasks.
* Designed and implemented Restful Web APIs using ASP.NET, facilitating seamless communication and integration between different systems and platforms.
* Created responsive and visually appealing user interfaces using HTML5, CSS3, and Razor views, ensuring optimal user experience across devices.
* Implemented AJAX techniques to enable asynchronous communication between the client and server, enhancing application responsiveness.
* Utilized Typescript and Angular framework to develop dynamic and interactive front-end components, enhancing user engagement and experience.
* Integrated Node.js for building scalable and efficient server-side applications, leveraging its event-driven architecture.
* Employed jQuery library to simplify DOM manipulation and event handling within web applications.
* Managed relational databases, including MySQL and NoSQL databases, such as MongoDB, ensuring efficient data storage, retrieval, and management.
* Implemented continuous integration and deployment pipelines using Jenkins and GitHub, automating build, test, and deployment processes.
* Utilized Terraform for infrastructure as code, enabling automated provisioning and management of cloud resources on Azure.
* Leveraged various Azure services, including Azure AD, ADF (Azure Data Factory), and Azure Monitor for identity management, data integration, and monitoring.
* Designed and developed reports using SSRS (SQL Server Reporting Services), providing valuable insights and analytics to stakeholders.
* Utilized Kafka to build scalable and resilient event-driven architectures, facilitating real-time data processing and streaming.
* Developed and executed unit tests using the NUnit framework, ensuring code quality, reliability, and maintainability.
* Implemented OAuth for secure application authentication and authorization mechanisms, ensuring data privacy and security.
* Worked in Agile environments following Scrum methodologies, actively participating in sprint planning, daily stand-ups, and retrospectives.
* Configured and managed web servers like IIS (Internet Information Services), ensuring optimal performance, security, and availability of web applications.

**Tech Stack:** C#, ASP.NET, MVC, XML, XSLT, LINQ, EF, Restful Web API, Razor views, Angular, Nodejs, jQuery, MySQL, MongoDB, Jenkins, GitHub, Terraform, Azure, SSRS, Kafka, VS Code, NUnit, OAuth, Agile, Scrum, IIS.

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| **USAA, Tampa, FL****.NET Developer** | **May 2018 - Aug 2020** |

* Worked on applications using VB.NET, leveraging ADO.NET for efficient data access and manipulation within Oracle databases.
* Implemented LINQ queries to streamline data retrieval and manipulation processes, enhancing code readability and maintainability.
* Applied MVVM (Model-View-ViewModel) architecture pattern to design and develop scalable and maintainable WPF applications.
* Integrated jQuery for client-side scripting and interactivity, enhancing user experience and functionality within web applications.
* Utilized Vue.js framework to build dynamic and reactive user interfaces, ensuring smooth and efficient data rendering.
* Deployed and managed applications on AWS infrastructure, including EC2 instances, S3 for object storage, RDS for database hosting, and Lambda for serverless computing.
* Utilized ActiveMQ for reliable messaging and communication between distributed systems, ensuring seamless integration and data exchange.
* Designed and developed WPF applications using XAML markup language, ensuring a rich and interactive user experience.
* Implemented Swagger for API documentation, facilitating collaboration and understanding among development teams and stakeholders.
* Automated build and deployment processes using Jenkins, ensuring continuous integration and delivery of software updates.
* Leveraged Oracle databases for data storage and retrieval, optimizing database performance and ensuring data integrity.
* Utilized Eclipse IDE for development tasks, enhancing productivity and efficiency through its robust feature set.
* Implemented JWT (JSON Web Tokens) for secure application authentication and authorization, ensuring data privacy and integrity.
* Developed and executed unit tests using the XUnit framework, ensuring code quality and reliability throughout the development lifecycle.
* Managed source code and version control using TFS (Team Foundation Server), ensuring collaboration and tracking changes effectively.
* Utilized JIRA for project management and issue tracking, facilitating Agile development methodologies such as Scrum and Kanban.
* Designed and generated reports using Crystal Reports, providing valuable insights and analytics to stakeholders.

**Tech Stack:** VB.NET, ADO.NET, LINQ, MVVM, jQuery, Vue.js, AWS, ActiveMQ, WPF, XAML, Swagger, Jenkins, Oracle, Eclipse, JWT, XUnit, TFS, JIRA, Agile, Kanban, Crystal Reports.

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| **Cigniti Technologies, India****.NET Developer** | **June 2014 - Dec 2017** |

* Developed and maintained web applications using the ASP.NET MVC framework, ensuring high performance, responsiveness, and scalability.
* Wrote efficient T-SQL queries and stored procedures to interact with SQL Server databases, optimized database performance, and ensured data integrity.
* Designed and implemented user interfaces using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and responsive design principles.
* Utilized jQuery library to enhance client-side functionality and user experience, implementing dynamic and interactive features.
* Implemented WCF services for communication between distributed systems, ensuring secure and reliable data exchange.
* Utilized ADO.NET to access and manipulate application data, adhering to best data access and performance practices.
* Worked collaboratively within Agile development teams, participating in sprint planning, daily stand-ups, and retrospectives to deliver high-quality software.
* Managed version control using VSS (Visual SourceSafe) to efficiently manage source code and track changes across the development lifecycle.
* Wrote unit tests using the Mockito framework to ensure code quality and facilitate automated testing processes.
* Parsed and generated JSON data to exchange information between client and server-side components.
* Integrated with ServiceNow platform for IT service management, implementing custom solutions and integrations as required.

**Tech Stack:** C#, ASP.NET MVC, T-SQL, SQL Server, HTML, CSS, JavaScript, jQuery, WCF, ADO.NET, Agile, VSS, Mockito, JSON, Service Entity Frameworks
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