**Paladugu Suresh**

**Sr .Net Full Stack/ Senior Software Engineer**

**paladugusuresh@gmail.com**

**832-410-3706**

**Professional Summary:**

* **Over 13+ years** of expertise in application development, leveraging a strong foundation in object-oriented methodologies to create efficient and scalable software solutions.
* Expert in developing and maintaining web applications using ASP.NET with C#, covering multiple .NET versions including 3.5, 4.0, 4.5, 5.0, and .NET Core.
* Proficient in SQL and VB.NET, utilizing these technologies for effective database management and seamless application integration.
* Skilled in designing and implementing reusable components and frameworks, applying design patterns to enhance code efficiency and maintainability.
* Expertise in consuming and integrating various Azure services within .NET applications, enhancing functionality and cloud capabilities.
* Hands-on experience with Azure Kubernetes Service, deploying and managing containerized applications for improved scalability and reliability.
* Strong background in building microservices using .NET Core, enabling modular application design and independent service deployment.
* Proficient in Apache Kafka for producing and consuming data streams, facilitating real-time analytics and processing.
* Committed to Test-Driven Development (TDD) for delivering high-quality code through comprehensive testing strategies that enhance software reliability.
* Extensive knowledge of AWS services such as S3, Lambda, and CloudFormation, enabling robust cloud solutions and infrastructure management.
* Developed stack services and successfully integrated them into .NET applications, enhancing application capabilities and performance.
* Having Good experience in Production Support tools.
* Deep understanding of the Software Development Life Cycle (SDLC) and Agile methodologies, applying best practices for iterative and incremental development.
* Proficient in using Visual Studio across various versions (2010-2022), streamlining the application development process.
* Experienced in integrating third-party tools like Telerik and Kendo controls to enhance user interface and user experience.
* Strong skills in front-end technologies, including CSS, HTML, AJAX, jQuery, and AngularJS, ensuring responsive and dynamic web applications.
* Skilled in using Node.js APIs and Bower components in Angular applications, fostering modern web development practices.
* Proficient in TypeScript and Vue.js, building dynamic and maintainable web applications with modern JavaScript frameworks.
* Experienced with Angular Material components and Bootstrap, focusing on developing responsive and visually appealing user interfaces.
* Strong background in delivering tailored software solutions for the retail and healthcare sectors, addressing industry-specific needs.
* Proficient in implementing Web API 2.0 and .NET Core APIs, facilitating seamless communication between services.
* Developed insightful HTML and Excel reports that enhance business analysis, providing critical insights for decision-making.
* Experienced with source control tools such as VSS, GIT, TFS, SVN, and Bitbucket, promoting collaborative development practices.
* Conducted thorough application vulnerability assessments using Veracode, identifying and remediating security risks to ensure robust code quality and compliance.
* Identified, prioritized, and mitigated critical vulnerabilities through SonarQube and Veracode reporting, contributing to a secure, high-quality codebase.
* **Developed serverless applications** using AWS Lambda, reducing infrastructure costs by automating scaling and eliminating the need for provisioning and managing servers.
* Knowledgeable in developing Windows Forms applications, providing effective desktop solutions for end-users.
* Skilled in preparing detailed technical documentation, ensuring clarity and consistency for software projects.
* Experienced in utilizing Crystal Reports and RDLC for data visualization, enhancing reporting capabilities.
* Familiar with Azure API Gateway and Azure API Management (APIM), managing APIs for optimal performance and security.
* Involved in Sitefinity integration within Angular UI applications, streamlining content management processes.
* Led migration projects to modernize legacy Angular applications, improving performance and user experience.
* Strong experience with LINQ, including LINQ to SQL and Entity Framework, **nHibernate** for efficient data querying and manipulation.
* Extensive experience in developing e-commerce applications, driving innovative online business solutions.
* Knowledgeable in developing hybrid mobile applications using Ionic, ensuring cross-platform functionality.
* Proficient with Postman and SoapUI for comprehensive API testing and validation.
* Experienced with SQL Server Management Studio (SSMS) for efficient database management.
* Familiar with WCF RIA Services and ADO.NET Entity Framework for robust data access solutions.
* Skilled in writing comprehensive unit test cases, ensuring software reliability and quality.
* Strong experience in MVC (4.0 and 5.0), Razor engine, and building dynamic web applications with responsive design.
* Experienced in implementing security measures, including remediating SQL injection vulnerabilities and ensuring API security.
* Designed and developed responsive web pages using Bootstrap, improving user experience across devices.
* Involved in smoke testing, UAT, and bug fixing, ensuring timely delivery of high-quality software.
* Successfully managed remote projects, delivering on time while maintaining clear communication with stakeholders.
* Comfortable collaborating with large-scale development teams, fostering an agile environment for efficient project delivery.

**Technical Skills:**

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| **Programming Languages:** | C#, VB .Net, Python SDK, JScript/jQuery, TypeScript, Cobol |
| **Web Development Frameworks:** | ASP.NET, ASP.NET Core (2, 2.1, 3.1, 5, 6, 8), MVC, Web API, .NET Core API, REST API, SOAP API, Angular (various versions), AngularJS (1.0, 1.5), React JS, IONIC Framework |
| **Data Access Technologies:** | ADO.NET, Entity Framework, EF Core, **nHibernate,Micro ORM,ORM** |
| **Cloud and DevOps:** | Azure Services, Azure AD, AWS, Docker, Kubernetes, CloudWatch, Azure Storage, Event Grids, Key Vaults, Functions,Splunk,Jenkins |
| **UI/UX Libraries and Controls:** | Telerik & Kendo Controls, PrimeNG, Angular Material |
| **Testing and Development Practices:** | Test-Driven Development (TDD) |
| **Application Types:** | Microservices, Windows Applications, Silverlight, WCF |
| **Report Tools** | Crystal Reports, RDLC |
| **DataBase** | SQl,My SQL,Oracle,Mongo,Cosmos,Dynamo,Postgresql |

**Education Details:**

* Bachelor of Science, Information Technology from JNTUH, Hyderabad TN, 05/2010

**Work Experience:**

**Sr. .Net Full Stack/ Senior Software Engineer 09/2023 to Current**

**Publix,Plano, TX**

**Project Description:**

* Contributed to the design and implementation of the Item Master Module and Retail and Discount Charge Module, ensuring robust functionality and user accessibility.
* Diagnosed and resolved technical challenges to maintain project continuity and team efficiency.
* Managed a development team of eight, fostering collaboration and promoting best practices in software development.
* Created and implemented dynamic components within Angular applications, enhancing user experience and functionality.
* Engaged with stakeholders for requirements gathering and devised comprehensive solutions tailored to project needs.
* Developed and deployed applications using Azure App Service, leveraging cloud capabilities for scalability and performance.
* Developed and maintained dynamic, responsive web applications using Vue.js, significantly enhancing user experience through the CQRS pattern in API services.
* Integrated RESTful APIs with Vue.js to enable efficient data-driven application development.
* Managed the migration of Angular applications from version 12 to 15 and from 15 to 17, ensuring compatibility and leveraging new features.
* Created Continuous Integration and Continuous Deployment (CI/CD) pipelines for Angular applications and associated APIs, streamlining the deployment process.
* Collaborated with project managers, developers, quality assurance teams, and customers to troubleshoot and resolve technical issues.
* Deployed applications using Docker in a Kubernetes environment, enhancing scalability and management of microservices.
* Authored comprehensive unit tests using XUnit for APIs and Jasmine for UI components, ensuring code quality and reliability.
* Godd Working On Splunk Logs
* Engaged in UI design, development, and unit testing for views and controllers to create a seamless user interface.
* Developed backend APIs using ADO.NET and Entity Framework, focusing on performance and data integrity.
* Utilized tools and technologies including Angular, Vue.js, Azure App Service, Docker, Kubernetes, ADO.NET, Entity Framework, RESTful APIs, CI/CD pipelines, XUnit, and Jasmine.

**Technologies:** Asp.Net Core 6, C#.Net, Sitefinity, Xunit, VS2022, Azure Services,.Net Core Micro Services & Docker with Kubernetes ,Rxjs & Azure AD , Azure Functions & AWS Serverless APIS ,SMAL ,Jasmine , Mongo DB,Serverless APIS,ADO .Net, Entity Framework ORM, SQL Server,Azure CI/CD, Web API, Angular 15,Angulr Cli,Angular Material Components, VueJS,AWS ,RDS, Containers, Kubernetes

**.Net Full Stack/ Senior Software Engineer 03/2023 to 09/2023**

**THECB(Texas State Higher Education), Dallas, TX**

**Project Description:**

* Contributed to the My Account Project, a member information portal for various mobile provider clients.
* Actively involved in resolving technical issues to ensure project stability and efficiency.
* Developed Angular services, filters, and components to enhance application functionality.
* Implemented Azure AD authentication using the Angular MSAL module for secure access.
* Worked on the Azure CI/CD pipeline to automate deployment processes.
* Developed and maintained dynamic, responsive web applications using Vue.js, significantly enhancing user experience and application performance through the CQRS pattern in API services.
* Integrated RESTful APIs with Vue.js, creating seamless and efficient data-driven applications.
* Collaborated with development teams to troubleshoot issues and execute test scenarios.
* Godd Working On Splunk Logs
* Partnered with project managers, developers, quality assurance teams, and customers to address and resolve technical challenges.
* Deployed Web APIs using Azure App Services, ensuring high availability and performance.
* **Proactively monitored and resolved production issues in .NET applications**, implementing root cause analysis and optimizing performance through logging, caching, and query optimization, reducing incident resolution time by 30%
* Involved in creating CI/CD pipelines for Angular applications and APIs to streamline deployment workflows.
* Authored XUnit test cases for APIs and Jasmine test cases for UI components to ensure code quality and reliability.
* Optimized Vue.js applications by implementing lazy loading, code splitting, and other performance-enhancing techniques.
* Utilized Vue Router for navigation, enabling a seamless single-page application (SPA) experience.
* Engaged in UI design, development, and unit testing for views and controllers, ensuring a cohesive user interface.
* Developed backend APIs using ADO.NET and Entity Framework, focusing on performance and data integrity.
* Wrote APIs using AI language models (LLMs) as part of the project to enhance functionality.
* Implemented event-driven architecture by integrating AWS Lambda with services like API Gateway, S3, DynamoDB, and SNS to streamline data processing workflows.
* **Designed and deployed Lambda functions** using Node.js and Python to automate tasks like data validation, file transformation, and third-party API integration, improving operational efficiency
* Collaborated with development teams to integrate Veracode and SonarQube scans into CI/CD pipelines, promoting secure coding practices and enhancing software resilience.

**Technologies:** Asp.Net Core 6, C#.Net, Xunit,VueJS, VS2022,.Net Core Web API ,Rxjs ,Azure CI/CD,Azure AD, Azure Functions & AWS Serverless APIS and React Js SMAL & Jasmine & AWS Serverless APIS & EC2. Cloud watch, S3, Cognito with I AM,ADO .Net, Entity Framework ORM, SQL Server, Web API, Angular 15,Angulr Cli,Angular Material Components & AI LLM

**.Net Full Stack/ Senior Software Engineer 06/2022 to 02/2023**

**Morgan Stanley, Atlanta, GA**

**Project Description:**

* Consumed and produced messages using Kafka to facilitate robust messaging and event-driven architecture.
* Maintained and enhanced the overall software system to ensure optimal performance and user satisfaction.
* Created common controllers for the entire Angular application, promoting code reuse and consistency.
* Developed Kendo Angular controls and integrated both third-party and internal APIs to enhance application functionality.
* Collaborated with project managers, developers, quality assurance teams, and customers to address and resolve technical issues effectively.
* Worked with development teams to troubleshoot problems and execute test scenarios, ensuring high-quality deliverables.
* Provided technical leadership and mentorship to entry-level and junior engineers within complex enterprise system environments.
* Led software development initiatives as the subject matter expert and primary point of contact for project management staff.
* Deployed applications using Docker in a Kubernetes environment, enhancing scalability and management of services.
* Resolved issues related to VB.NET applications, ensuring reliability and performance.
* Managed a development team of six, fostering collaboration and efficient project execution.
* Developed backend APIs using ADO.NET and Entity Framework, focusing on performance, maintainability, and data integrity.
* Implemented event-driven architecture by integrating AWS Lambda with services like API Gateway, S3, DynamoDB, and SNS to streamline data processing workflows.
* **Designed and deployed Lambda functions** using Node.js and Python to automate tasks like data validation, file transformation, and third-party API integration, improving operational efficiency

**Technologies:** Asp.Net Core 6, C#.Net,VB.Net, SQLSrver2012R2, Angular 15 & UI, Xunit,VS2022,Azure Services and Key Vaults,.Net Core Micro Services with Docker ,Kafka Integration, AWS Kubernetes. & Prime NG Controls NGRX, Rxjs & Azure AD & React Js &AWS ,RDS, Containers, Kubernetes & S3 Bucket & EC2,Mongo DB,ADO .Net, Entity Frame work, SQL Server, Web API,Angular 14 ,Angular CLI, Angular Material Components

**.Net Technical Lead / .Net Architech 01/2022 to 06/2022**

**DOE, Atlanta, GA**

**Project Description:**

* Investigated system issues and implemented effective resolutions to minimize downtime and enhance reliability.
* Improved systems by adding new features and upgrading infrastructure, ensuring optimal performance and user satisfaction.
* Provided educational expertise and mentoring to junior team members, fostering their professional growth and development.
* Supervised the architecture, design, and implementation of company-wide platforms and applications, ensuring alignment with business goals.
* Assessed project milestones and team performance to keep staff on-task and maintain project timelines.
* Developed backend APIs using ADO.NET and Entity Framework, focusing on performance and maintainability.
* Integrated AI chatbots into applications to enhance user interaction and support capabilities.
* Developed and implemented user interfaces using the Ionic framework, creating responsive and engaging mobile experiences.
* Godd Working On Splunk Logs
* Leveraged Ionic components and Angular features to design intuitive user interfaces that meet user needs.
* Implemented native features using Cordova and Capacitor plugins, enhancing the functionality and performance of mobile applications.

**Technologies:** Node Js API, Ionic,Python, Mongo DB & AWS Serverless APIS & EC2. Cloud watch, S3, Cognito with I AM & **AWS ,RDS, Containers, Kubernetes** & ML & AI chat Bot & Ionic & Typescript, Chat Bot, ML & AI

**.Net Technical Lead 06/2021 to 01/2022**

**Nations Benefits(OTC Application), Hyderabad, IN**

**Project Description:**

* Investigated system issues and implemented effective resolutions to minimize downtime and improve overall system reliability.
* Enhanced systems by adding new features and upgrading infrastructure, driving increased functionality and user satisfaction.
* Created common components within Angular applications to promote code reusability and maintainability.
* Researched and adopted new technologies to add value to existing offerings and improve development processes.
* Consumed and produced messages using Kafka to support robust messaging and event-driven architectures.
* Optimized Vue.js applications by implementing lazy loading, code splitting, and other performance-enhancing techniques to improve load times and user experience.
* Utilized Vue Router for navigation, enabling a seamless single-page application (SPA) experience for users.
* Authored XUnit test cases for APIs and Jasmine test cases for UI components to ensure code quality and reliability.
* Involved in build configuration and deployments using Azure Pipelines, streamlining the development lifecycle.
* Managed a development team of twelve, fostering collaboration and ensuring project success.

**Technologies:** Angular 11 & 13, Asp.Net Core 6 WebAPI3.1, C#.Net, Kendo angular controls,Vue Js, SQL Server, Mongo DB ,AWS Kubernetes with micro services, XUnit And SAML &Kafka Integration & Azure Cosmos Database & Blob storage &Prime NG Controls NGRX, Rxjs & Azure AD & React JS & Jasmine , Angular 14

**.Net Technical Lead 04/2019 to 06/2021**

**Schneider Electrical (Rateal Applications), Hyderabad, IN**

**Project Description:**

* Improved systems by adding new features and upgrading infrastructure, contributing to increased functionality and user satisfaction.
* Collaborated with stakeholders to build comprehensive product feature lists, ensuring alignment with business objectives.
* Deployed applications using Docker in a Kubernetes environment, enhancing scalability and service management.
* Investigated system issues and implemented effective resolutions to minimize downtime and enhance system reliability.
* Defined parameters for API and data acquisition processes, ensuring data integrity and efficient communication.
* Conducted code reviews and maintained code branches in Bitbucket to ensure quality and consistency across projects.
* Participated in build configuration and deployments using TeamCity, streamlining the development and release process.
* Developed backend APIs using ADO.NET and Entity Framework, focusing on performance and maintainability.
* Managed a development team of sixteen, fostering collaboration and driving successful project outcomes.
* Involved in creating CI/CD pipelines for Angular applications and APIs, facilitating efficient deployment workflows.
* Resolved issues in VB.NET applications to ensure reliability and optimal performance.
* Developed and implemented user interfaces using the Ionic framework, creating responsive and engaging mobile experiences.
* Designed user interfaces utilizing Ionic components and Angular features to meet user requirements.
* Implemented native features using Cordova or Capacitor plugins, enhancing the functionality of mobile applications.
* Identified, prioritized, and mitigated critical vulnerabilities through SonarQube and Veracode reporting, contributing to a secure, high-quality codebase.
* **Static Code Analysis** tilized SonarQube to perform static code analysis, improving code maintainability and reducing technical debt across projects.

**Technologies:** Angular 5,6&8, Asp.Net Core Web API 2.1& 2.2, VueJS, C#.Net,VB.Net, Kendo angular controls, SQL Server, Bitbucket & TeamCity& Unit& Kafka Consuming & Azure Functions & AWS Serverless APIS & EC2 , Cloud watch ,S3,Cognito with I AM & Micro services and Docker with Kubernetes,ADO .Net, Entity Frame work, SQL Server, Web API & Angular 12 & Ionic 3 & Angular & Azure CI/CD

**.Net Lead/ Senior Software Engineer 09/2017 to 04/2019**

**Altruista Health, Hyderabad, IN**

**Project Description:**

* Worked with project managers, developers, quality assurance and customers to resolve technical issues.
* Worked with development teams to correct problems and run test scenarios.
* Demonstrated experience and good hands-on programming experience C#. and Angular.
* Checked client code for bugs and weaknesses using approved troubleshooting methods.
* Handeld a Team of 4 memebrs.
* Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
* Identified, prioritized, and mitigated critical vulnerabilities through SonarQube and Veracode reporting, contributing to a secure, high-quality codebase.
* **Static Code Analysis** tilized SonarQube to perform static code analysis, improving code maintainability and reducing technical debt across projects.
* Collaborated with development teams to integrate Veracode and SonarQube scans into CI/CD pipelines, promoting secure coding practices and enhancing software resilience.

**Technologies:** Asp.Net, C#.Net, SQLServer2012R2, MVC 5, Angular 4, Web API, Mongo DB, Dev Express Controls, NUnit, VS2017, Azure Services and Key Vaults, .Net Core Micro Services with Docker& Azure AD , Azure Functions & AWS Serverless APIS & AWS Serverless APIS & EC2 ., Cloud watch ,S3,Cognito with I AM,ADO .Net, Entity Frame work, SQL Server, Web API

**Senior Software Engineer 01/2015 to 08/2017**

**Allrecipes, Hyderabad, IN**

**Project Description:**

* Worked with project managers, developers, quality assurance and customers to resolve technical issues.
* Worked with development teams to correct problems and run test scenarios.
* Promoted technical leadership to entry-level and junior engineers in complex enterprise system environments.
* Led software development initiative as subject matter expert and primary point-of-contact for project management staff.
* **Proactively monitored and resolved production issues in .NET applications**, implementing root cause analysis and optimizing performance through logging, caching, and query optimization, reducing incident resolution time by 30%.
* **Managed end-to-end release and deployment processes** using CI/CD tools (Azure DevOps, Jenkins), ensuring zero-downtime releases through canary deployment strategies, and implementing rollback procedures to maintain system stability
* Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
* Integrated third-party tools and components into applications.

**Technologies:** ASP.Net with C#, SQL Server 2008 R2, VS.Net 2015, AngularJS, Entity framework, JavaScript, Git, Rally, Jira, MVC6, Azure, .Net Core& Octopus

**Senior Software Engineer 08/2014 to 01/2015**

**Augment Softsol, Hyderabad, IN**

**Project Description:**

* Performed UI design, development, and unit testing for web forms in ASP.NET with C#, ensuring a high-quality user experience.
* Developed customized user controls to enhance code reusability and maintainability across applications.
* Actively involved in resolving technical issues to maintain project momentum and efficiency.
* Wrote Entity LINQ queries and JavaScript to facilitate data access and enhance interactivity.
* Analyzed various customizations made to the system to assess their impact and effectiveness.
* Conducted thorough testing of various customizations to ensure functionality and performance.
* Implemented alerts and notifications to improve user engagement and system responsiveness.

**Technologies:** ASP.Net with C#, SQL Server 2008 R2, VS.Net 2010, Entity framework, JavaScript, SVN, Telerik Controls & Oracle 10g & 11g

**Software Engineer 09/2012 to 08/2014**

**Stanley, Hydearabad, IN**

**Project Description:**

* Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
* Updated old code bases to modern development standards, improving functionality.
* Integrated third-party tools and components into applications.
* Tested methodology with writing and execution of test plans, debugging and testing scripts and tools.

**Technologies:** ASP.Net with C#, SQL Server 2008 R2, VS.Net 2010, Entity framework, RFC connector, JavaScript, TFS, EPPlus

**Software Engineer 10/2010 to 09/2012**

**Divinos & Affine IT Service Pvt Ltd, Hyderabad, IN**

**Project Description:**

* Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
* Updated old code bases to modern development standards, improving functionality.
* Integrated third-party tools and components into applications.
* Tested methodology with writing and execution of test plans, debugging and testing scripts and tools.

**Technologies:** ASP.Net with C#, SQL Server 2008 R2, VS.Net 2010, Entity framework, RFC connector, JavaScript, TFS