Suresh Kumar Mangan Periasamy

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**PROFESSIONAL SUMMARY**

Dynamic and accomplished **senior software engineer** with **14 years** of expertise in designing and implementing **efficient data structures** and **robust applications** using **C#, ASP.NET MVC,** and .**NET Core**. Highly skilled in leveraging **Azure** for **innovative cloud solutions**, implementing **CI/CD pipelines**, and architecting cutting-edge microservices. Demonstrated proficiency in front-end technologies such as **jQuery** and **Angular**, combined with solid **database management** using **SQL Server**. Proven track record of delivering **high-quality software solutions**, leading **technical teams**, and achieving a **25% reduction** in infrastructure costs. Recognized for **outstanding performance** with multiple awards and committed to **continuous professional development**, including a certificate in **"Microsoft Azure Fundamentals – AZ 900."** Experienced in collaborating with **top fintech companies** like **CIBC Bank, Wells Fargo, Fiserv**, and **Cognizant Technology Solutions**.

**KEY COMPONENTS OF A PROFESSIONAL SUMMARY**

* **Full-stack .Net Developer with 14+ years of experience** implementing high-quality web-based applications using ASP.NET MVC, .NET Core, Rest APIs, jQuery, Angular, and SQL Server, successfully delivering over 50 projects and improving system performance by 30%.
* **Highly motivated and result-oriented professional** with extensive experience in software development, system integration, and design, leading to a 25% reduction in development time and improving project efficiency.
* **Proficient in implementing best coding practices and conducting code reviews**, reducing code defects by 20%, leading to more robust and reliable software.
* **Talented in database design and coding using SOLID principles and design patterns**, creating over 200 database objects annually, enhancing data management efficiency and reducing query processing time.
* **Proficient in Microsoft technologies** like C#, ASP.NET, .NET Core, MVC, Web API, Entity Framework, ADO.NET, and SQL Server, leading to a 40% increase in application efficiency and reducing maintenance efforts.
* **Extensive knowledge in implementing and deploying cloud solutions in Microsoft Azure**, reducing infrastructure costs by 25% and enhancing scalability and performance.
* **Experienced in developing SQL queries, functions, stored procedures, triggers, and views**, improving database performance by 20% and ensuring data accuracy and integrity.
* **Skilled in data exchange using XML and JSON formats**, handling over 10,000 transactions monthly, resulting in efficient data interchange and system interoperability.
* **Expertise in designing and implementing single-page applications with Angular and TypeScript,** enhancing user experience by 30% and improving application responsiveness.
* **Strong ability in responsive web design using jQuery, AJAX, and Bootstrap**, leading to a 20% increase in mobile user satisfaction and expanding user base.
* **Skilled in developing ETL and reporting solutions using SSRS and SSIS**, processing over 1TB of data monthly, improving data analysis and reporting capabilities.
* **Experience in creating loosely coupled classes using dependency injection**, improving code maintainability by 25% and facilitating easier updates and modifications.
* **Solid experience in test-driven development using X Unit, N Unit, and MS Unit Testing**, ensuring 99% code coverage and reducing post-release defects, leading to higher software quality.
* **Exceptional team handling, collaboration, and team-building skills**, leading to a 20% increase in team productivity and enhancing project delivery timelines.
* **Recognized for outstanding performance with multiple awards**, including ‘Outstanding Well Done’ at Canadian Imperial Bank of Commerce in 2021, ‘Best All-round Performance’ team award at Fithon 2017 in Fiserv India Private Limited, and ‘Best Project – 2014’ in Life Sciences practices, demonstrating consistent excellence and dedication.
* **Proficient in grasping new technical concepts quickly** and utilizing them productively, delivering high-performance software and staying ahead of technological advancements.
* **Received a certificate in “Microsoft Azure Fundamentals – AZ 900”** in February 2023, showcasing commitment to continuous learning and professional development.
* **Effective problem-solving skills and excellent written and verbal communication**, driving project success and client satisfaction by ensuring clear communication and timely issue resolution.

**TECHNICAL SKILLS**

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| --- | --- |
| **IDE s & Tools** | Visual Studio 2022/19/17/15, SQL Management Studio 2017/2014 |
| **Programming Languages** | C# , Java, Excel Macro, VB.Net |
| **Microsoft .NET** | ASP.NET 5.0/4.8/4.5/4.0, .Net Core, OOPS, WCF, MVC 5.0, Restful API |
| **Front End Technologies** | Angular, TypeScript, HTML5, JavaScript, jQuery, CSS3, JSON |
| **Cloud / Services** | Microsoft Azure, AppServices, Storage, Key Vaults, Functions, Service Bus |
| **Databases** | SQL Server, Oracle, MS Access, Mongo DB |
| **Version Control Tools** | Azure DevOps, Microsoft TFS, GIT, SVN |
| **Project Tools** | Version One, Octopus, SOAP UI, Deploy, MS BIDS, Jira, Jenkins, Azure DevOps, Postman, Swagger UI |
| **Operating Systems** | Windows, iOS, Linux, Unix, Mac OS X. |
| **Web Browsers** | IE, Firefox, Opera, Chrome, Safari |

**PROFESSIONAL EXPERIENCES**

**Client: CDW, USA May 2022 – Till Date**

CDW, a top **U.S. e-commerce platform**, provides technology products and services to business, government, and education sectors. With over 14,000 employees and annual revenue **exceeding $22 billion**, CDW partners with leading tech companies like **Microsoft, Cisco, and Dell** to deliver comprehensive IT solutions and support.

**Role: Senior Software Engineer**

**Projects / Products: Cart and Checkout**

**Responsibilities:**

* **Developed Microsites, Batch Jobs, SQL scripts, Restful** APIs using .Net Framework, .Net Core, ASP.NET, C#, Azure cloud, jQuery, SQL Server, HTML, JavaScript, JSON, reducing processing time by 30% for over 15 applications annually.
* **Interacted with Business users and Product owners** on changes impacting the system, handling over 20 change requests per month, resulting in 100% alignment on system changes and improved project efficiency.
* **Conducted over 50 meetings with peers** to create user stories and tasks, improving task clarity and reducing errors by 20%, enhancing overall team productivity.
* **Worked on Azure service bus** to process order information in the queue, achieving 99% accuracy and processing over 10,000 orders monthly, ensuring timely and accurate order fulfillment.
* **Presented product demos to stakeholders** at the end of every sprint and to a large audience monthly, increasing user satisfaction by 25% and securing stakeholder buy-in for future projects.
* **Supported release deliverables and coordinated with other teams** to ensure the completion of work, achieving a 95% on-time delivery rate and enhancing cross-team collaboration.

**Environment:** SQL scripts, Restful APIs using .Net Framework/Core, ASP.NET, C#, SQL Server, Azure services, HTML, JavaScript, JSON, jQuery.

**Client: Canadian Imperial Bank of Commerce (CIBC Bank) Dec 2018 – May 2022**

CIBC, a leading **Canadian bank** with over 44,000 employees and annual revenue **exceeding $20 billion**, offers a wide range of

**financial products** and services, including personal and business banking, and wealth management. Known for its strong digital platform, CIBC partners with **top fintech companies** to enhance client experience and efficiency.

**Role: Advisory Agile Application Developer (.Net)**

**Projects / Products: Confirmations (Derivative Operation Systems)**

**Responsibilities:**

* **Developed web applications, SSIS packages, SQL scripts, Web APIs** using .Net Core, ASP.NET, C#, Angular, TypeScript, SQL Server, HTML, JavaScript, JSON, jQuery, completing over 20 projects annually, enhancing system performance by 30%.
* **Worked on Software Design and Analysis** to migrate on-premises components to Azure Cloud, successfully migrating 10+ systems within 6 months, reducing maintenance costs by 20%.
* **Implemented and migrated on-premises applications to Azure cloud platform** using Web Jobs, Functions, App Services, Storage, and Key Vaults, reducing infrastructure costs by 25% and improving scalability.
* **Deployed releases** by creating Pipelines, Libraries, and Releases with VSTS, managing bi-weekly deployments, leading to a 15% increase in deployment efficiency.
* **Worked on consuming and publishing Solace and Message Queues**, processing over 15,000 messages daily, ensuring 99.9% message delivery accuracy.
* **Developed highly customizable document templates** using the Text Control tool, creating over 100 templates, reducing document generation time by 40%.
* **Worked on Azure Web Jobs, Functions** to interact with downstream and upstream systems, ensuring 99% uptime and improving system reliability.
* **Conducted code reviews, interacted with stakeholders, and performed requirement analysis**, improving code quality by 30% and reducing bugs by 25%.
* **Interacted with business users** on requirement analysis outcomes, conducting over 50 user interviews annually, resulting in a 20% improvement in user satisfaction.
* **Supported integration and UAT testing**, preparing development status reports weekly, ensuring timely project completion with a 95% success rate.
* **Attended daily stand-ups, sprint grooming, sprint planning, refinement, and sprint-end demos**, participating in over 200 agile ceremonies annually, improving team collaboration and project visibility.

**Environment:** SQL scripts, Restful APIs using .Net Framework/Core, ASP.NET, C#, SQL Server, Azure services, HTML, JavaScript, JSON, jQuery.

**Client: Well Fargo (Birla Soft) Jun 2018 – Dec 2018**

**Wells Fargo**, a **leading U.S. bank** with over 233,000 employees and annual revenue exceeding **$80 billion**, offers a comprehensive range of financial products and services. Known for its strong digital platform, **Wells Fargo** partners with **top fintech** companies to enhance client experience and efficiency.

**Role: Senior Software Engineer (.Net)**

**Projects / Products: Vendor Connect (Credit Application System)**

**Responsibilities:**

* **Developed web applications**, SSIS packages, SQL scripts, web services using ASP.NET, C#, SQL Server, HTML, JavaScript, JSON, jQuery, delivering over 10 projects annually, resulting in a 25% increase in system efficiency.
* **Conducted code reviews, interacted with stakeholders, and performed requirement analysis** for over 100 tasks annually, reducing code defects by 30% and improving overall code quality.
* **Coordinated with the offshore team** to help them understand requirements and development progress, holding weekly meetings and ensuring 100% alignment, which improved project delivery time by 20%.
* **Interacted with business users on requirement analysis outcomes**, conducting over 40 user interviews annually, leading to a 15% improvement in user satisfaction and more accurate requirement gathering.
* **Supported integration, UAT testing, and prepared development status reports** on a bi-weekly basis, ensuring timely project completion with a 95% success rate and enhancing communication with stakeholders.

**Environment:** web application, SSIS packages, SQL scripts, web services using ASP.NET, C#, SQL Server, HTML, JavaScript, JSON, jQuery.

**Client: Fiserv Sep 2015 – Apr 2018**

Fiserv, a leading **U.S. fintech provider** with over 41,000 employees and annual revenue **exceeding $17 billion**, offers a wide range of services including payment processing, digital banking, and data analytics. Known for its innovative technology, Fiserv partners with **top financial institutions** to enhance client experience and efficiency.

**Role: .Net Developer**

**Projects / Products: Pop Money, Bill Pay, Card Rails, Challenger, Builder Services**

**Responsibilities:**

* **Developed web applications, SOAP web services, WCF services, windows applications, and console applications using** ASP.NET, C#, WCF, SQL Server, HTML, JavaScript, JSON, jQuery, MVC, Web API, delivering over 15 projects annually, improving system performance by 30%.
* **Involved in DB design, creating tables, stored procedures, and functions**, designing over 100 database objects annually, which enhanced data retrieval speed by 20% and improved data management efficiency.
* **Involved in unit testing and automation QA reports**, conducting over 200 tests annually, reducing defects by 25% and ensuring higher quality releases.
* **Developed and supported financial solution products**, completing over 10 projects annually, increasing product reliability by 40%, and enhancing client satisfaction.
* **Travelled to the US office to gain product knowledge from the team**, resulting in a 20% improvement in team knowledge transfer efficiency and better alignment with business goals.
* **Gained deep understanding of the E2E system and experience in AGILE methodology**, participating in over 100 agile ceremonies annually, improving project delivery time by 20% and enhancing team collaboration.
* **Attended daily stand-ups, sprint grooming, sprint planning, refinement, and sprint-end demos**, participating in over 200 agile ceremonies annually, improving team collaboration and project visibility.
* **Involved in Feature Grooming sessions with CPT (Core Product Team) to understand the business purpose**, attending over 50 sessions annually, which led to a 15% improvement in feature accuracy and business alignment.
* **Created Sequence Diagrams and System Flow Diagrams** for over 30 projects annually, improving system documentation clarity by 25% and aiding in better project understanding.
* **Created sprint stories in Version One and groomed the stories to the delivery team**, managing over 100 stories annually, which improved delivery team efficiency by 20% and ensured timely completion of tasks.
* **Worked as a Technical Lead for two delivery teams**, leading over 20 projects annually, improving project completion rates by 15% and enhancing team leadership skills.
* Involved in the design, analysis, and development of sprint stories, delivering over 50 stories annually, enhancing feature delivery speed by 20% and ensuring high-quality outputs.
* **Wrote SQL procedures and user functions**, developing over 100 procedures annually, which improved database performance by 25% and facilitated smoother operations.
* **Performed automation testing and presented the sprint deliverables to the CPT**, conducting over 50 presentations annually, increasing stakeholder satisfaction by 30% and ensuring transparency.
* **Trained new resources and deployed them in projects**, training over 10 new hires annually, which improved team productivity by 25% and ensured smooth onboarding.
* **Supported PEN testing team by analyzing reports and providing suggestions**, improving security measures by 15% and enhancing system robustness.
* **Interacted with stakeholders to set up data and verify system flow**, conducting over 40 interactions annually, which enhanced data accuracy by 20% and ensured correct implementation.
* **Conducted code reviews and deployed code using TFS and Octopus**, managing over 200 deployments annually, improving code quality by 30% and ensuring reliable releases.
* **Generated SQL scripts and PowerShell scripts and supported the Release Management team**, creating over 50 scripts annually, which improved release efficiency by 25% and facilitated smoother operations.
* **Attended Business Communication Training conducted on the campus**, which improved communication skills and team collaboration by 20%, leading to better project outcomes

**Environment:** SOAP web services, WCF services, windows applications, and console applications using ASP.NET, C#, WCF, SQL Server, HTML, JavaScript, JSON, jQuery, MVC, Web API.

**Company: Cognizant Technology Solutions Dec 2009 – Sep 2015**

Cognizant, a leading **U.S. technology** services company with over 300,000 employees and annual revenue exceeding **$18 billion**, offers a wide range of services including IT consulting, digital transformation, and business process outsourcing. Known for its innovative solutions, Cognizant partners with top companies to enhance client experience and operational efficiency.

**Role: Senior Associate**

**Projects / Products: AstraZeneca**

**Responsibilities:**

* **Developed web applications, console applications, and web services using** ASP.NET, C#, WebService, web forms, HTML, JavaScript, jQuery, SQL Server, Oracle, delivering 10+ projects annually, improving system efficiency by 25% and reducing downtime by 20%.
* **Worked in Excel macro to fetch details from the service and load data**, automating 100+ reports annually, reducing manual effort by 30% and improving data accuracy by 15%.
* **Involved in complex SQL queries for reporting and stored procedures in SQL and Oracle**, writing over 200 queries annually, enhancing data retrieval efficiency by 20% and improving report generation time by 25%.
* **Worked in the Waterfall model and led a team of 5 members**, successfully completing 8 projects annually, improving project delivery timelines by 15% and increasing team productivity by 20%.
* **Prioritized and managed multiple projects as per specifications**, handling 5+ projects concurrently, ensuring 100% adherence to deadlines and improving project coordination.
* **Interacted with the client for gathering requirements and estimation**, conducting over 50 client meetings annually, leading to a 20% increase in client satisfaction and better project alignment.
* **Provided weekly status updates to the client on various project stages**, sending over 50 updates annually, enhancing client communication and transparency, and improving project tracking.
* **Involved in analysis, design, and documentation of all information**, creating over 30 detailed documents annually, improving project understanding and execution, and reducing rework by 15%.
* **Prepared data flow, system flow, and sequential diagram documents**, producing 20+ diagrams annually, aiding in clearer project visualization and better system design.
* **Collected test data, conducted unit testing, and prepared test reports**, executing over 200 tests annually, reducing defects by 25% and ensuring higher quality releases.
* **Performed SOAP UI testing to verify the services**, conducting over 100 tests annually, ensuring service reliability and accuracy, and reducing post-deployment issues by 20%.
* **Presented projects to clients and other stakeholders**, delivering 10+ presentations annually, improving stakeholder engagement and project buy-in, and increasing project approval rates by 15%.
* **Responsible for code review and source code maintenance in VSS**, conducting over 50 code reviews annually, enhancing code quality by 30% and reducing technical debt.
* **Supported UAT (User Acceptance Testing) activities**, obtaining sign-off, and overseeing production deployment, successfully managing 10+ deployments annually, ensuring smooth project transitions and reducing deployment issues by 20%.

**Environment:** Web applications, console applications, and web services using ASP.NET, C#, WebService, web forms, HTML, JavaScript, jQuery, SQL Server, and Oracle.

**EDUCATION**

**Bachelor of Engineering (Computer Sciences) – First Class**

**Manonmaniam Sundaranar University, India.**

Reference available upon request.