



## **SATISH PASALA**

### **SUMMARY**

- Experienced in complete solution lifecycle-right from project initiation, gathering requirements, architecture, risk management, process implementation to Software deployment and maintenance
- Demonstrated excellent ability in handling different roles which include Project Management, Architect, Onshore-Offshore Lead, and Software Development
- Experienced in Agile Methodology (SCRUM/Kanban) for project development and experienced as a SCRUM master
- Possessing exceptional expertise in Object-Oriented Programming, including a deep understanding of the SOLID principles, ensuring robust and maintainable Software design
- Strong background in designing and developing high-performance, low-latency applications, utilizing efficient algorithms and data structures
- Proficient in multiple programming languages, including but not limited to C#, VB.NET, C++, Type Script, with deep understanding of object-oriented design principles
- Skilled in building and integrating APIs, web services, and microservices, fostering interoperability and system integration
- Worked on improving application performance and identified bottlenecks using various software analytical tools
- Experienced in architecting and implementing cloud-based solutions, leveraging platforms such as AWS and Azure
- Experienced in designing database -tables, stored procedures, triggers, views, functions, index and optimizing SQL queries
- Experienced in writing software design and technical documents and ability to conduct training workshops for users on application usability
- Ability to monitor and manage vendors, third party service providers and team members within each project
- Dedicated to staying updated with emerging technologies and industry trends, leveraging continuous learning to drive innovation and improvement
- Excellent analytical and problem-solving skills with ability to adapt to adverse circumstances
- Excellent communication, presentation, and interpersonal skills. Ability to work under pressure in meeting deadlines
- Enthusiastic, hardworking, quick learner, always eager to take on new challenges

### **EDUCATION**

**California State University**, Fullerton, CA  
Master in Computer Science, 2004

**Babson College**, Wellesley, MA  
Master's in Business Administration, 2014

**Sathyabama Engineering College**, Chennai, India  
Bachelors in Electronics and Communications, 1996

### **TYLER TECHNOLOGIES**

May 2020 to Present

#### **Senior Developer/Architect**

- Worked on core applications CivilWeb, and CivilServe which facilitates in running Courts & Justices. Also worked on various other applications COW (facilitates various functions including deployments, licensing, internal application management), SalesWeb and SalesView among others
- Worked on designing, implementing, and deploying applications using SDLC best practices
- Utilized Agile methodologies, such as Scrum and Kanban, to drive interactive and collaborative software development
- Used .NET Core 6, .NET Framework 4.8, ASP.NET, Angular 13, Microsoft SQL Server 2019, Dapper, LINQ, xUnit, and AutoFixture for application development
- Implemented efficient DevOps practices and automation strategies to streamline software development processes



- Leveraged GitHub for version control, AWS and Azure for cloud infrastructure, and JIRA for project management
- Responsible for designing and optimizing Database Schemas, and creating and updating tables, stored procedures, functions, views, triggers, and indexes
- Implemented client site installation process assisting deployment team in client site setups using PowerShell
- Demonstrated proficiency in utilizing the SOLIC principles and Test-Driven Development (TDD) to produce well-structured, maintainable code with comprehensive test coverage
- Provided valuable assistance to Deployment and Implementation teams by actively participating in troubleshooting and issue resolution within client environments

## **THE BAUPOST GROUP**

January 2019 to February 2020

### **Senior Developer/Architect**

- Worked on Nexus Portal, a comprehensive platform that offered a user-friendly interface for trading, trade management, and reporting functionalities
- Worked on enhancing and maintaining various modules which include Cash Management, Accounting, Trading, Ticketing and Reporting to support de-omnification
- Developed using Agile methodology with daily standup meetings
- Application was developed in C# using Win Forms, Microsoft SQL Server, WCF, Dev Express and TFS
- Worked on adding new services to service module, developed using WCF, to support new enhancements for various components
- The application used Composite UI Application Block (CAB), which helps in creating loosely coupled UI modules
- Created new and updated existing data entities which include tables, views, stored procedures, functions, triggers and indexes in Microsoft SQL Server. Used Entity Framework for data-oriented operations
- adTempus was used for Job Scheduling
- Helped in partially implementing .NET SQL Authorization Manager to maintain permissions across various modules and functionality in the application
- Project tracking and DevOps were achieved through TFS
- Provided support in troubleshooting, debugging and resolution of issues in production environment

## **KASPERSKY LAB**

April 2013 to December 2018

### **Senior Developer/Architect**

- Worked on Kaspersky Lab Retail Websites (over 32 multi-lingual retail websites supporting online sales and product information), Retail Management System (provides budgeting, planning, creating discount programs, charge backs, and reporting), Self-Publishing Application (provides a platform for creating, approving, tracking and publishing press releases for various teams), Drupal to Tridion Migration (migrating USA Kaspersky site from Drupal php to Tridion .NET Web Forms Application) among others
- Engaged in software development using the Agile/Kanban methodology, actively participating in daily standup meetings
- Worked on technologies including ASP.NET MVC, Web API, .NET Core, LINQ, C#, Razor, jQuery, Microsoft SQL Server, AngularJS, SCSS, Bootstrap, RESTful services, Telerik MVC Data Controls, Ninject (Dependency Injection), Entity Framework (Database First Approach), Razor mediator (for templating Tridion pages), .NET WCF Data services
- Website content was stored in Tridion (CMS), which upon publish deployed content as JSON files using a .NET C# component
- Used NUnit in the back end and Karma and Jasmine in UI to implement Test-Driven Development
- Continuous Integration was achieved in AngularJS application using Gulp and Bamboo, and Octopus for back end .NET components
- Implemented robust search functionality across multiple websites by utilizing Elasticsearch, ensuring efficient and accurate retrieval of information
- Used Git as source control with SourceTree as Git client. JIRA was used for Issue and Project Tracking
- Actively participated through SDLC from initiation, analysis, development, QA and maintenance



- Assisted in gathering requirements, requirement analysis, functional documentation, testing support, and user training
- Extensively worked on User and technical documentation, and user training
- Worked through all phases of SDLC from gathering requirements, analyzing requirements, architecting application, development, testing and deployment
- Actively participated in developing blueprints (defining publishing structure in Tridion), Templates, Schemas, Components, and Pages in Tridion
- Developed a web page comparer to compare changes in web pages every 12 hours using .NET Core, C#, NUnit, DI, and PhantomJS environment
- Product Download Storage Migration: Migrated storage for product downloads from AWS to Level3. Implemented a service which performed product indexing, file migration, Tridion Data Integration, and product XMLs consumed by other services in .NET WCF, C#
- Mobile Development: Developed product tag checker for IT Operations to search product tags with mobile devices. Developed in IOS/Swift and Android/Java
- Azure Demo: Worked on using Azure as a development platform for web application

#### **JOHN HANCOCK**

May 2008 to April 2013

##### **Tech Lead**

- Worked on applications including LTC Captivate (online insurance sales and application system), Retail Enrollment (online enrollment system), Proposal Management System (illustrating policy quotes and managing proposal sales process) among others
- Played a key role in the architectural design, strategic planning, and successful implementation of diverse applications
- Lead a team of highly skilled developers, monitoring and supervising application development in Agile methodology
- Used technologies include ASP.NET MVC, C#, VB.NET, jQuery, JavaScript, In Rule (a third-party Business Rules Engine), Entity Framework, Microsoft SQL Server 2008 R2/2005, Microsoft Enterprise Library, WCF Services and SOAP
- Developed integration components for FileNet, DB2 on Mainframe, FTP file transfer components, Co-Browsing support with GoInstant (vendor)
- Responsible for acquiring hardware from IBM including defining hardware architecture, Firewall, authorization and SQL server specifications
- Participated in IT Service provider selection process and coordinated development activities between various IT vendors
- Provided technical assistance and facilitated coordination between various teams including legal, marketing, sales, compliance, privacy, and business operations
- Defined support process and responsible for creating a 24/7 technical support model for LTC Captivate application
- Developed Use Case, Sequence, Activity, Class, Component and Implementation diagrams in UML (Microsoft Visio)
- Interviewed candidates and built a highly qualified development team to implement the project
- Developed a Proposal Rates Calculator, a core module, which calculates different streams of rates with a variation of 50 inputs to the accuracy of one cent
- Used Automated Build Studio for deployment process. Integrated Build Studio to Clear Case
- Used Active Reports to generate various Reports in different formats including PDF, WORD, EXCEL and XML
- Architected and developed Hansel Automated Rates Testing Application to test the accuracy of rates in VB.NET, .NET 3.5, Enterprise Library, Excel, WinForms and XML
- Responsible for redesigning eHansel/Hansel multi-formatted Illustration reports

#### **WELLINGTON MANAGEMENT**

September 2006 to May 2008

##### **Senior Architect/ Developer**

- Migrated WIRE (Wellington Information and Research Exchange), a legacy Java Struts application to C#/ASP.NET



- Architected and developed News Letter Generator, a Multi-threaded New Letter Generator application compiling emails for financial analysts into a newsletter
- Used UML (Microsoft Visio) for creating Use Cases, sequence, Class, Activity, State and Component diagrams
- Implemented Data Layer Component using Microsoft Enterprise Library supporting both Microsoft SQL 2000 and Oracle databases
- Implemented WIRE Client Validation API written in JavaScript to validate business rules on the Client side
- Using Outlook Redemption Dll developed features to including email archiving and organization, recognizing email threads, retrieving contacts, and folder filters
- Created a Fast Search Updater component, which updates email content to Fast Search Database, a data search technology tool, providing email content to be universal searchable across the company
- Developed SharePoint Uploader component, which updates documents to Share Point Lists

#### **MICROSTRATEGY**

August 2006 to September 2006

##### **Senior Developer**

- Architected and developed Product Catalog in ASP.NET, C#, ADO.NET, .NET 2.0, Visual Studio 2005, and SQL Server
- Used Microsoft Enterprise Library for Data Access, Encryption, Caching, and Logging
- Extended and customized ASP.NET Server controls for specific Product Catalog management requirements
- Helped QA team in defining application load and performance strategy and execution

#### **SANOFI AVENTIS**

October 2005 to July 2006

##### **Architect**

- Worked on Lantus Drip Dose Calculator, Lovenox Dosing Calculator & Survey Tools and Blood Clot DVT Survey application
- Architected and developed Lovenox Dosing App and Lantus Drip Dose Calculator in Pocket PC (C#.NET), Palm OS (Palm OS Developer) and Windows CE (Microsoft Embedded Visual C++ 3.0) environments
- Developed WinForms (C#) application to beam mobile applications using IrDA API and irftp from tablets to doctor's mobile devices
- Designed and developed Lantus Survey tool, a client tablet app and a survey receiving server, in WinForms, C# and Outlook components for Tablet PCs
- Provided manuals for doctors and training documents explaining the usage of the application
- Worked with Doctors, medical professionals and Agents to understand and document business and usability requirements
- Responsible for interacting with legal, business, medical, compliance, and marketing teams to define requirements and data constraints

#### **REDCATS USA**

January 2004 to October 2005

##### **Architect**

- Worked on Brylane Home (consisting of home, kitchen, and wishes divisions), La Redoute (a global retail leader with a collection of 30,000 products and 10 million customers providing latest fashion with leading designers)
- Responsible for defining business and technical requirements, and coordinating with various teams
- Developed Product display, order UI controls and business components in C#.NET
- Developed Data access services and optimized queries using SQL Server Profiler in Microsoft SQL Server 2000
- Implemented SOAP Web Services based business tier
- Developed web services in .NET for accessing KANA customer care Perl script system for customer support
- Designed and developed classes, web services and custom .NET user controls to communicate to UPS and display tracking information
- Assisted in developing and implementing template mapping system to achieve category-based page redirection
- Developed wrappers around Mainframe API calls to access main frame information
- Used FxCop for validating .NET code and nDoc to generate documentation
- Developed Use Case, Sequence and Class diagrams representing application architecture and implementation designs



- Developed Encryption, Data Object Library, and Sterilization objects in C#.NET
- Assisted in designing and implementing a Database in Microsoft SQL Server and improved performance with indexing and query optimization
- Designed and implemented XML template based automated emailing system
- Coordinated with the French team in developing Mainframe data retrieval API
- Developed Product display and shopping cart custom controls
- Worked in integrating custom designed Aptika customer care System to provide consumer support
- Assisted in implementing Category mapping module to map continuously changing product categories
- Used FxCop to validate .NET code and nDoc to create documentation for the classes developed

**EATON ELECTRICAL / CMC, Americas, NJ**

September 2004 to December 2004

**Senior Developer**

- Responsible for interacting with the client to define business and technical requirements along with getting approvals for application designs
- Used UML (Microsoft Visio) to define Use Cases, Sequence, State, Component diagrams
- Implemented in Waveform Viewer component using third party IO Comp Components displaying different waveforms
- Customized Microsoft Windows Controls to achieve customer specific functionality
- Implemented Translator Component which translated signals from various devices (IQ Analyzer, MVCP Relay, and FP 5000...)
- Researched, designed and developed framework for calculating Harmonic Values

**HEALTHELINK, Pomona, CA**

June 1999 to February 2003

**Programmer/Analyst**

- Designed and implemented Health-e-link desktop client providing a UI for patient information access
- Implemented Fax Gateway consisting of components like Fax Receiver (polls for faxes), OCR Component (converts tiff image to text using OCR software), Data Parser (Parses the text and retrieves patient information), and Image Converter (Converts tiff images to Jpeg)
- Designed and implemented Telnet Gateway, a multithreaded application, providing record transfer services across various data centers including a central mainframe system
- Implemented Health-e-link website in ASP, CSS, JavaScript, Microsoft SQL 7.0 environment

**DECCAN INFOTECH (P) LTD**

December 1996 to April 1999

**Programmer/Analyst**

- Built Customer Information and Inventory Management System in ASP and Microsoft SQL Server environment
- Responsible for training the users and providing necessary user manuals
- Languages: C#, VB.NET, C++.NET, C, C++, PERL, PHP, J#, VBA, MS SQL, IOS/Swift, Android/Java
- .NET Technologies: .NET Core, ASP.NET, Web API, ASP.NET MVC, WCF, WPF, WF, ADO.NET, LINQ
- Cloud Platforms: AWS and Azure
- JavaScript based Programming: Angular, Node.js, React.js, jQuery, JavaScript, TypeScript
- Testing & Optimization Frameworks: NUnit, MS Test, xUnit, Jasmine, Karma, Visual Studio Code Analysis
- Web: HTML5, SCSS, CSS3, Bootstrap
- Databases: Microsoft SQL Server, MySQL, Oracle, MongoDB
- CMS: Tridion, Sitecore, Drupal
- Data Formats: JSON, XML, CVS, YAML
- Editors: Visual Studio, Visual Studio Code, WebStorm, Xcode, Code Warrior, Eclipse, Brackets
- Others: Agile Methodologies, Git, JIRA, SSRS, Active Reports, Crystal reports, Co-browsing, Telerik, Infragistics, MS Project, .NET SQL Authorization Manager, adTempus, RabbitMQ