**MOHAN SUKUMARAN**

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Accomplished software professional with experience in designing, developing, supporting, and implementing software solutions. Background in software development Including Requirement Analysis, Functional document, Implementation, coding, testing, debugging deployment, and maintenance of Web-based applications using Microsoft .Net Technologies in ASP.Net, C#, MVC Entity Framework, LINQ, API, WEB SERVICES and SQL Server database, involved in client interaction and team playing activities. Microsoft certified solution developer in implementing web and window-based applications. Excellent team playing attitude with creative problem-solving capabilities. Demonstrated ability to adapt to new environments and passion to learn new technologies in a team or independently.

**TECHNICAL SKILLS**

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| * Hands on experience in the **Payment Card Industry** process and technology. * Experience in System Design and Development using **Agile, Waterfall** and other programming Methodologies. * Excellent knowledge of **Ecommerce web development.** * Good knowledge in **Azure cloud with ASP.Net Core, Azure Containers, Dockers, Microservices, Web API, Azure Storage Services, Azure Cache for Redis and Functions, Service Bus Services, Ocelot API Gateway** * Professional experience in the field of Information Technology acquiring higher level of experience in Application **Design** and **Development** using technologies like C# **.Net**, **ASP.Net**, **ASP.Net MVC** * Designed and developed web services using **REST** and **Web Services.** * Excellent Experience developing **queries, stored procedures**, **functions**, **triggers** in **SQL Server, Oracle and DB2** * Strong understanding of **.Net Framework** and **.Net Application Architecture** | * Hands on knowledge in Payment Processing using **BluePay, CyberSource, Paymetric, PayPal, Authorize.net** and **Elavon.** * Well versed in **Object Oriented Programming (OOP) Concepts** and languages like **C++. Java** and **other Fourth Generation Languages.** * Excellent Experience in **WinForms**, **Web** **Forms** and **Web Services**, **React, XML**, **XSL**, **Ajax**, **JSON**, **JavaScript, VBScript, JQuery, CSS, DHTML and HTML.** * Experience in Designing and Developing **Business Intelligence** dashboard using **Business Objects.** * Hands on experience in developing applications using **Client-Server** / **Multi-tier** and **Service Oriented Architecture.** * Possess excellent knowledge and experience in **SCRUM** Methodology. * Experience in **Data modeling** and **Database design** * Ability to **grasp business and application knowledge** and provide application-level solutions. * **Good Communication** and **Interpersonal Skills.** * Possess **Creativity** and **Graphics Design** skills and has experience in designing websites. |

**PROFESSIONAL EXPERIENCE**

**Fiserv (Originally, Computer Discoveries Inc) November 2007 – December 2023**

**Senior Software Engineer | Software Engineer**

Experience in B2B/B2C e-commerce products that are real-time integrated with JD Edwards and SAP. Developed ERP2Web, which is a Customer Self Service shopping cart B2B and B2C e-commerce product integrated with JD Edwards and SAP and developed Supplier Self Service Portal (SnapVSS), a Multi-tenant Credit Card solution SnapPay to helps customers to process accounts and process credit card orders.

* **ERP2Web and Snap Mobile Project:** ERP2Web is an eCommerce web application integrated with ERP products like SAP Application, JD Edwards Enterprise One, and World Software and which does Real-time Integration of ERP application using ERP2Web’s XML interface for order creation (stock item, Configure Item and Kit Item), price check, availability, and order status. Customers can view the order inquiry, print/download, order history, to view/pay the invoice. web interface for ERP2Web is completely designed using the .NET Framework for Zero-Client B2B and B2C Solution.
* **SnapPay:** SnapPay is an E-Commerce PCI compliance application that provides a complete solution for company credit card and ACH payment requirements. Developed to provide ERP (JDE Edward, SAP) customers with a secure, end-to-end solution that meets the payment processing need for both sales orders and opens AR/AP. Developed using responsive web design architecture, which provides users with an optimal viewing experience and minimal scrolling when navigating and reading content on a range of devices, including traditional desktop computers, laptops, tablets, and mobile devices.
* Designed, developed, and implemented eCommerce software to help generate $15M in new product revenue.
* Worked directly with clients to understand their requirements in implementing online ordering portal and credit card solution for ERP system,
* Conducted a walkthrough of the complete application and functionality to the customer.
* Built layout such as look and feel templates, shopping cart templates, navigation steps to create orders and email templates, etc.
* Designed functional document for the proposed solution, which interacts between ERP System and Web application.
* Java with XML interoperability functionality used to transfer the Order/Tax Inquiry information to and from JDE OneWorld
* HMAC generation logic using Java
* Coded and developed the Web Applications and executables using the ASP.Net 4.5, C#, Bootstrap, MVC4, Entity framework, CSS and JavaScript, XML, VT server calls, and SQL server.
* Worked with Web Forms, Bootstrap, Server (Web/HTML) and Data Binding controls.
* Developed functionality that allowed the user to generate various reports as Excel files.
* Followed TDD approach and created unit tests for the new functions written using C#.
* Conducted unit testing of code and deployment of the web application and other executables on client-server.
* Completed walkthrough of the complete application and functionality to the customer.
* Setup web application on IIS and other executables on a task scheduler.
* Performed maintenance if any issue/change comes up during the testing and development phase.
* Setup the production web application and executable with SSL and other security protocol TLS1.1, TLS1.2, ciphers, and Hashes SHA256.
* Restored database backup for a base installation created tables and indexes and wrote Stored Procedures as per the business requirement enhancement.
* Used Team Foundation Server for version control.
* Implemented key Search Engine Optimization (SEO) features, including URL rewriting.
* Developed multiple deployable themes using CSS.
* Utilized jQuery and bootstrap for better user experience.
* Upgraded base product from .NET framework 3.5 to 4.0 to 4.5 to 4.7.
* Streamlined development by implementing base pages, multi-level directory structure, custom controls.
* Implemented SQL caching, drag-able web parts, email templates.
* Setup Cruise Control for continuous integration, Build configuration in TFS.
* Coordinated code review and code clean up.
* Participated in implementing an online payment processing portal (SnapPay) for ERP systems since currently, there is no payment processing in JD Edwards. Implement various features and functionalities in payment processing gateway such as credit card authorization, settlement, partial payments, etc. for orders and invoices using .net.
* Developed APIs to request received JSON data from third-party vendors into online ordering systems for clients.
* Helped customers to implement invoicing, orders, and order invoicing through SnapPay multi-tenant.
* Guided customers to integrate various account receivable APIs for payment processing through their ERP system and other systems.
* Focused on unit testing and early change management.
* Coordinated the product testing with the customer’s IT and Business Groups.
* Delivered post-implementation support and Issue resolution.
* Transferred application to the Support Team and provide them with necessary inputs as and when required.
* Sign off and close projects.

**ADDITIONAL PROFESSIONAL EXPERIENCE**

* **Accel FrontLine,** Senior Java Developer (**Java, Servlets, JSP, JDBC, Ajax, Springs, Hibernate, Java Script**)
* **Hexaware,** Java Consultant (**Java, Swing, EJB, Oracle 9i, Weblogic 7.0**)
* **Kinship Technology**, Java Developer (**JAVA, JSP, EJB, JDBC, JavaScript**)

**EDUCATION**

* **Master Computer Application,** University of Madras
* **B.Sc (Physics),** University of Madras

**CERTIFICATIONS**

* Microsoft Azure fundamentals
* AWS Cloud Practitioner
* Scrum Master
* Sun Certified
  + Business Component Developer (SCBCD)
  + Component Developer (SCWCD)
  + Java Programmer (SCJP)
* Oracle Certified Associate (OCA)
  + Introduction to Oracle 9i: SQL
  + Program with PL/SQL
* Microsoft .NET Framework 2.0 Web-Based Client Development
* Microsoft Certified Solution Developer (MCSD)
* Microsoft Certified Professionals (VB.5)
* Microsoft SQL-Server 6.5
* Windows Open System Architecture (I & II)