



ARJUN CHATTERJEE

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Sitecore Application Development & Maintenance

Career Summary

- Computer Science Engineer with 7.6 years of experience in **designing & development of applications using SITECORE, ASP.NET MVC, Web API, SQL Server**
- **Sitecore 8.2 , 9.1 certified professional developer having working knowledge in Helix/Habitat, SXA, Sitecore 8/9/10, XConnect, Sitecore Commerce 9, LUIS, Unicorn**
- Comprehensive knowledge & understanding of **MS SQL Server 2012 Relational Databases and OOPS**
- Skilled in **Software Development, Unit Testing, Implementation & Support** of tools in Microsoft Technologies
- Resourceful in **mapping clients' business requirements and translating these requirements into functional specifications**, services, implementations and custom designing solutions
- Experience in **preparing technical specifications** according to business needs; suggesting improvements to existing system designs Expertise in **coding, testing, and debugging system software**
- **An effective communicator** with relationship management skills with the capability to relate to people at any level of business and management

Education & Credentials

B.Tech. (Computer Science) from West Bengal University of Technology with 7.5 GPA in 2013

Soft Skills

- Negotiator
- Planner
- Collaborator
- Problem-Solver
- Stress Manager
- Quick Learner
- Action-oriented & Result-focused
- Team Player
- Time Manager

IT Skills

Languages: C#, VB, C, Python

Web Technologies: Asp.NET, MVC, WCF,WPF,Web API, HTML, CSS, Java Script, AngularJS, Entity Framework, LINQ Platforms

Operating Systems: Windows 7/10, IOS

RDBMS: SQL Server 2014

Middle Tier: IIS, ADO .NET

Third Party Technologies: Infragistics, Telerik Kendo UI, Salesforce, Solr, ElasticSearch

CMS: Umbraco, Sitecore, InRiver iPMC

Application Life-cycle Tools: TFS, SVN and Git

Core Competencies

- ASP.Net/ MVC Development
- Module Level Analysis
- Database & Template Designing Requirement Gathering & Mapping User Acceptance/Unit Testing Technical/Functional Solution Delivery
- Software Implementation & Support
- Project Execution

Key Result Areas

- Analyzing user needs and software requirements to determine feasibility of design within time and cost constraints.
- Consulting with customers about software system design and maintenance.
- Ensuring adherence to quality norms throughout the implementation process.
- Identifying, analyzing defects, questionable functions, errors, and inconsistencies in software program functions, outputs, online screens, and content.
- Managing the end-to-end development activities including requirement analysis, planning, finalizing specifications, implementation, testing and deployment.
- Creating functional specification and designing the documentation for executing the software development Configuring & customizing the system and establishing the solution for application & database.
- Conducting UAT for the established solution and imparting end-user & admin. training for the implemented solution to manage IT assets.

Highlights:

Contributed as a part of a member team of ten that developed and managed an application which improved productivity of 10000+ sales representative by 40%

Developed process-automation tools using technologies such as SSIS, Microsoft Azure to automate a number of daily workflows, including adding/removing users from AD group, bulk SMS sends and daily XML import/exports from one system interface to another

Performed unit, functional and load testing activities using tools such as Visual Studio, NUnit, JMeter Created a deployment tool that saved 80% of deployment time for developers and testers

Annexure

Project: Mohawk Industries (<https://www.mohawkgroup.com/>)

Client: Solaris Soft Labs India Private Limited

Period: Jan 2020 – Present

Designation: Senior Sitecore Developer /Sitecore Lead

Team Size: 7

Skills: Sitecore 8.2, Elastic Search, Redis, Unicorn, InRiver PIM, SQL Server

Roles & Responsibilities:

- CI - CD Set Up using TeamCity Octopus, Integration with InRiver PIM systems, Pipeline Customization, Personalization, Coding with R&D, Elastic index configuration and customization, Redis implementation
- Architecting ecommerce application using Sitecore commerce and ASP.NET MVC.
- Involve in Designing Sitecore information architecture, Solution architecture and integrate third party services with website.
- Designs, develops, modify, document, test, implement, install and support software applications and systems.
- Configure, install and maintain Sitecore 8.2 & Sitecore 9.1.
- Supporting software Application deployment and production Incidents and Problems.
- Development of new programs, analyzes current programs and processes, and making recommendations which yield a more cost effective product.
- Troubleshoot lower, production environment website and database issues.
- Analysis of existing code and work on enhancement.
- Work on enterprise search like Solr, Solr Cloud with Zookeeper and Lucene.Net.
- Participate in code design and code reviews to ensure performance best practices are embedded in application design.
- Responding promptly and professionally to bug reports.
- Coordinate with stakeholders for requirement understanding.
- Analyzing and providing Root Cause for the high priority incidents.
- Investigate middleware and integration issues to provide resolution and to develop root cause analyses, which will support maintenance improvement and upgrade planning.
- Schedules project modules and prioritizing according to the deadlines assigned by clients.

Description: The application is developed in Sitecore 8.2 and we are providing support of all branding sites of Mohawk industries, Involved into end to end management of the product with challenges to complete enhancements and adopting new requirements in the existing product. Involved in architecting between different systems like – PIM with sitecore and customize it to use it across different technologies.

Project: Southern Phone Sitecore Implementation (<https://www.southernphone.com.au/>)

Client: Southern Phone Company, Australia

Period: Sep 2018 – Jan 2020

Designation: Senior Sitecore Developer

Team Size: 5

Skills: Sitecore 9, Sitecore Experience Commerce, EXM, Marketing Automation, Unicorn, SOLR, SQL Server

Roles & Responsibilities:

- Actively involved in designing, developing, deploying and maintaining web based software component of Website using Sitecore 8.2, 9.1, Sitecore Commerce.

- Architecting ecommerce application using Sitecore commerce and ASP.NET MVC.
- Involve in Designing Sitecore information architecture, Solution architecture and integrate third party services with website.
- Designs, develops, modify, document, test, implement, install and support software applications and systems.
- Configure, install and maintain Sitecore 8.2 & Sitecore 9.1.
- Supporting software Application deployment and production Incidents and Problems.
- Development of new programs, analyzes current programs and processes, and making recommendations which yield a more cost effective product.
- Troubleshoot lower, production environment website and database issues.
- Analysis of existing code and work on enhancement.
- Work on enterprise search like Solr, Solr Cloud with Zookeeper and Lucene.Net.
- Participate in code design and code reviews to ensure performance best practices are embedded in application design.
- Responding promptly and professionally to bug reports.
- Coordinate with stakeholders for requirement understanding.
- Analyzing and providing Root Cause for the high priority incidents.
- Investigate middleware and integration issues to provide resolution and to develop root cause analyses, which will support maintenance improvement and upgrade planning.
- Schedules project modules and prioritizing according to the deadlines assigned by clients.

Description: Was involved into Sitecore 9 migration from 8.2 and import only known contacts and interactions from 8.2 Mongo to XConnect. Notable implementations till now – EXM, Marketing Automation using Custom Façade for Contacts and interactions. Customized several pipelines and updated OOTB to include new fields in Commerce dashboard. Multiple layers of customization in Orders, Pricing, Checkout pipelines in Sitecore Commerce pipeline. Worked on Custom payment gateway integration with 3rd parties like – Payway, Dynamics CRM, Zendesk. Worked on syncing catalogs, products, orders from Sitecore to Dynamics CRM and Vice versa.

Project: AGI R3

Client: Sapiient Consulting Pvt. Ltd. <http://publicis.sapiient.com>

Period: Oct'2016 – Sep'2018

Designation: Sitecore Developer

Team Size: 50

Skills: Sitecore 8.2, Glass mapper, MVC 5, SOLR, Salesforce, SQL Server 2012, JavaScript, HTML 5, CSS 3

Roles & Responsibilities:

- Design, develop, test, support and deploy web and CMS applications.
- Gather customer software requirements and develop related software applications and programs.
- Develop and write high quality coding that meets customer requirements.
- Design, develop and implement critical applications in a .Net environment.

- Use Microsoft technologies: C#, SQL, MVC, and Sitecore to develop technical solutions to complex problems that require the regular use of ingenuity and creativity
- Analyse, diagnose and resolve errors related to their applications
- Design, develop and implement solutions to users' needs and requirements.
- Review and improvise code.
- Run tests and fix bugs.
- Design and develop technical solutions for enterprise-level projects.
- Plan, develop and implement large-scale projects from conception to completion.
- Design and implement test scripts on test tools and scripting languages.
- Communicate effectively and clearly, in writing and verbally, in one-on-one and group presentation situations
- Coordinate and support software professionals in installing and analyzing applications and tools.
- Configure and maintain multi-site data processes and issues including synchronization.
- Performed unit, functional and load testing activities using tools such as Visual Studio, NUnit, JMeter

Description: The application is developed in Sitecore 8.2 and will be launched in different locations (NA, APAC) as per site launch.

It gives end-users a great flexibility to manage end users and show them only relevant products specific to their interest.

Project: IDeploy ORCA

Client: Infosys, Bangalore

Period: Mar'2015 – Oct'2016

Designation: Senior Programmer

Team Size: 7

Skill: MVC 5, SQL Server 2012, Microsoft Unity, JavaScript, HTML 5, CSS 3

Roles & Responsibilities:

- Design, develop, test, support and deploy desktop, web, and CMS applications.
- Gather customer software requirements and develop related software applications and programs.
- Develop and write high quality coding that meets customer requirements.
- Design, develop and implement critical applications in a .Net environment.
- Use Microsoft technologies: C#, ASP.NET, SQL, MVC, and open source CMS such as Umbraco to develop technical solutions to complex problems that require the regular use of ingenuity and creativity
- Assist and support other team members on multiple projects.
- Design, develop and implement solutions to users' needs and requirements.
- Coordinate with architects and business analysts to determine functionalities.
- Run tests and fix bugs.
- Review and improvise code.
- Design and develop technical solutions for enterprise-level projects.
- Design and develop logical and physical data models that meet application requirements.
- Provide innovative solutions to complex business problems.
- Communicate effectively and clearly, in writing and verbally, in one-on-one and group presentation situations

- Architect all software development lifecycle including requirements gathering, designing, implementing, testing, and releasing.
- Develop MS SQL server applications like views, triggers and stored procedures.
- Expertise in standard UX technologies such as HTML5, CSS3, and JavaScript ,AngularJS,Node JS framework

Description: This is a planning application to plan Sales Representative's work and time for each store in all the EU and NA regions. This maps each Sales Rep to the particular store for the entire week/month. Each weekend it triggers automatic messages and mails to the Sales Reps regarding their next week schedules and there is a provision that if any SR person has taken leave then automatically assign the store details to a similar person who is having less work hours for the day.

Project: Alchemy

Client: Axionet Business Solution (Presently, BeMore technologies) <http://www.axio-net.ch/>

Period: Sep'13 – Mar'15

Designation: Programmer

Team Size: 5

Skill Used: C# .Net, SQL Server 2008, JavaScript, Ajax, HTML 5, CSS 3

Roles & Responsibilities:

- Design, develop, test, support and deploy desktop, custom web applications.
- Gather customer software requirements and develop related software applications and programs.
- Develop and write high quality coding that meets customer requirements.
- Design, develop and implement critical applications in a .Net environment.
- Use Microsoft technologies: C#, VB.NET,ASP.NET, SQL to develop technical solutions to complex problems that require the regular use of ingenuity and creativity
- Design, develop and implement solutions to users' needs and requirements.
- Review and improvise code.
- Run tests and fix bugs.
- Coordinate with architects and business analysts to determine functionalities.
- Design and develop technical solutions for enterprise-level projects.
- Design and develop logical and physical data models that meet application requirements.
- Design, develop and implement applications that support day-to-day operations.
- Write user manuals
- Train new system users
- Communicate effectively and clearly, in writing and verbally, in one-on-one and group presentation situations
- Provide recommendations for software developments and implementations.
- Develop MS SQL server applications like views, triggers and stored procedures.
- Expertise in standard UX technologies such as HTML5, CSS3, and JavaScript ,AngularJS,Node JS framework

Description: Alchemy is a finance related project, where company will give lone based on the deposit property of client.

The portal will take the current gold rate of that place and based on the Risk percentage, it will calculate the amount can be given to a particular customer.

The portal will calculate EMI amount and print receipt for each transaction. In this portal for different module Super admin can give visibility permission to particular user or group of users.

