Syed Beparey

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An accomplished software architect with 10 years of experience specializing in full life cycle of the software design process including requirement definition, prototyping, proof of concept, design, implementation, testing, and maintenance.

Professional Experience

Extrode

Software architect

*May 2013 – Present*

* Did market research to identify authentication problems
* Managed a small team of software developers
* Evaluated authentication frameworks such as oAuth, oAuth2, SAML, OpenId
* Evaluated various telephony systems such as Bandwidth, Plivo, Twilio, Nexmo
* Evaluated various cloud email solutions such as Mailgun, SendGrid, Amazon SES, Mandrill
* Evaluated various cloud hosting solutions such as Amazon AWS, Microsoft Azure, Rackspace
* Setup continuous integration using TeamCity
* Deployed and hosted the products to cloud environments

Folio Investing

Software architect

*October, 2012 – May 2013*

* Worked with the business and customer service team to put together a framework to convert existing Salesforce CRM to in-house using Nuxeo.
* UI Testing and Continuous Integration using Watir, Watir-WebDrive
* Framework encapsulation to reduce redundant work to enable fast UI testing
* Analyzed exiting application to decide whether to continue development or start over

Infor

Software architect

*October, 2011 – September 2012*

* Made decisions on current technologies and platforms to build applications on
* Designed, planned and developed prototypes of new frameworks
* Improved performance of an existing platform by identifying bottlenecks
* Replaced previous technologies like XML-RPC with SOA and RESTful Services
* Removed ASP.NET controls and replaced them with responsive, interactive AJAX controls
* Used front-end frameworks like backbone.js and knockout.js to handle UI events

Evolvent

Software engineer

*May, 2010 – October 2011*

**HAIMS** – Healthcare Artifact and Image Management Solution

* Exposed Clinical Context Object Workgroup (CCOW) Components to .NET and JavaScript
* Consumed and exchanged messages with WCF SOAP services behind SSL
* Integrated with an existing Single Sign On (SSO) authentication system
* Developed and enhanced ASP.NET pages and user controls
* Developed and maintained administrative configuration system in ASP.NET MVC
* Integrated an ASP.NET MVC application to an existing ASP.NET application
* Developed additional functionalities for a .NET Client Tool for scanning documents into ASP.NET application using Atalasoft TWAIN Scanning SDK

**NCAT** – Neurocognitive Assessment Tool

* Designed & developed rich UIs in Windows Presentation Foundation (WPF)
* Developed guided wizard for adding or editing new test participant / patient in WPF
* Developed import engine for importing thousands of test participants / patients from comma delimited (CSV) files
* Mapped test participants / patients from XML to UI using Linq2XML
* Developed application installer for users and granting proper rights in Windows XP, Vista and 7.

**VLER** – Virtual Lifetime Electronics Record

* Helped drive real-time data to the web using AJAX/jQuery
* Developed live editing, modifying, adding and deleting of records using, java, hibernate, servlet, spring and jQuery

Sigma Micro

Software engineer

*June, 2008 – January2009*

* Improved existing Sigma Commerce software and provided e-Commerce support
* Provided technical support on how to improve the existing eCommerce product
* Detected and removed defects in existing ASP .NET eCommerce product
* Improved and added new functionalities to existing Windows Presentation Foundation (WPF) Product
* Developed new reports and debugged existing reports for Sage MAS 500 Software (3rd party) using VB6
* Migrated legacy Customer Relation Management (CRM) product into newly developed .NET product
* Built XAML controls, views, and business logics in Windows Presentation Foundation (WPF)
* Worked with a QA team to test and improve the functionalities
* Migrated new clients from their existing database system to Sigma Commerce's SQL Server
  + Validated and formatted client's given data from various formats:
    - Comma/Tab Delimited (CSV) files
    - Plain text files
    - Excel spreadsheets
    - Access database
  + Wrote custom Stored Procedures and SQL Scripts to import them into SQL Server 2000 database
  + Ran custom Data Transformation Service (DTS) packages to import the data
  + Wrote custom scripts to generate data import reports and worked with the client to resolve invalid records
  + Built WinForm (.NET) tools to improve and speed up the data formation and validation process

CareGuide

Software developer

*June, 2007 – February 2008*

* Developed and maintained a web-based Service Oriented Application (SOA)
  + Built views and user controls using XSLT
    - Mapped data to XML data sources using XML transformation language like XQuery and XPath
  + Wrote custom stored procedures to retrieve data or display statistical data on SQL Server 2005
  + Worked with the client facing employees to improve the product by:
    - Added new features
    - Enhanced existing features
    - Detected and removed software defects
  + Ran weekly build cycle and deployment to production
* Weekly client data import from various clients
  + Validated and formatted client's given data from various formats:
    - Comma/Tab Delimited (CSV) files
    - Plain text files
    - Excel spreadsheets
    - Access database
  + Generated success and error reports
  + Worked with the client facing account managers on error reports to fix errors

Indiana University

Software developer

*November, 2006 – June 2008*

* Wrote use cases and flowcharts using UML 2.0
* Translation of business requirements into formats and concepts easily used by technical staff
* Modified existing database to fit new functionalities into the system using SQL Server 2005
* Designed Graphical User Interfaces (GUIs) in ASP .NET User Controls (ASCX), ASP .NET Pages
* Bound data to custom user controls and ASP .NET repeaters using ADO .NET SqlDataReader
* Integrated ASP .NET AJAX 1.0 and custom JavaScript to improve user experience
* Built functionalities for customers to sign up and register themselves for particular workshops
* Designed and developed a staff maintainable customer registration history
* Handled registration cost, discount, and refunds: payment system via 3rd party cc system
* Developed business logics to penalize cancellation of free workshop registrations
* Automatically notified the customer of their registration confirmations, changes or admin messages via email
* Wrote XML based reports with a given XML format
* Developed a task scheduler to roll over upcoming workshops
* Improved processes and documentations to allow rapid application development

Education

Purdue University, Indianapolis, in

* Graduated with a degree on Computer Information Technology