Abhishek Behera

CAREER PROSPECT – WEB DEVELOPER/SOFTWARE ENGINEER

6 years of professional experience in software industry as Software Engineer (Web/Mobile) in the areas of analysis, design and development of responsive web application and mobile application using **ASP.NET MVC & Core, Angular.** Strong leadership and team management skills to deliver successive outcomes, whereby, positioning organizations and products for success.
Areas of expertise include:

- UI/UX Design
- DevOps – CI/CD
- Project Management
- Automation

- Progressive Web Apps
- Cloud: Azure and Firebase
- Agile practices and principles
- Unit/Integration Testing

- Mockups/Wireframing
- Data analysis and visualization
- Documentation and presentation
- Mobile app development

WORK EXPERIENCES

Ingenious Med   **June 2018 - Present**

Software Engineer .NET/Automation Engineer, Atlanta, GA

Summary:
The enterprise application (IMBills) majorly focuses of simplifying clinical workflow for healthcare domain by providing industry leading solution such as: Practice and Enterprise solution which provides features like charge capture, care coordination and quality reporting – and expands the communication and coordination features across the enterprise to all care team members. Additional features like patients estimated length of stay indicator and customizable flags to help reduce costs by avoiding discharge delays and readmissions.

Core Responsibilities:
- Involved in creating project plan, test plans, estimations, and development and tracking projects using Microsoft Test Manager and TFS using Agile-SCRUM approach.
- Creating Test Cases and scenarios for Regression, Integration as well as Back-End System testing.
- Planning and performing regression, integration, functional, system compatibility and user-acceptance testing.
- Designing and updating existing automation framework for web-based software products using Page Object Model (POM) design using page factory in selenium webdriver (C#) to reduce code and help achieve better code change accountability and maintenance.
- Building BDD (Behavior Driven Development) with data driven test automation framework using cucumber features, scenarios and step definitions in Gherkin format.
- Developing and maintaining custom libraries for the test-case suite using C# .net framework to optimize overall build run-time performance and handle feature changes effectively.
- Maintaining and updating CI/CD framework, customized for web automation of IMBills application using Jenkins to run parallel test-cases across dedicated virtual machines to increase distributed build efficiency and reduce time for manually verifying test-cases.
- Interacting with the developers to get an estimate and to resolve technical issues found in the regression testing.
- Preparing reports based on every build/run across groups and/or features ran to validate the actual vs expected behavior of the application.

Development Tools, Methodologies & Environments: Agile-SCRUM, Microsoft .NET (C#), Selenium web driver, NUnit, Cucumber, Jenkins, Behavior Driven Development (BDD), TFS, MS-SQL Server

Macy's Technology   **December 2017– May 2018**

Sr. System Architect*, Suwanee, GA*
  Summary:
- Design and architecting Macy's HR management application **(INSITE-MyDay) – Availability & Accommodation** using **Angular 2 and above** and **ASP.NET(C#) MVC**.
- Developed a standalone Clocking application towards employee clocking and scheduling using **Angular**, **ASP.NET Core 2.1** and **Java**.

Core Responsibilities:

- Construction of system/application models, from sketches to pixel-perfect mockups to complex interactive HTML prototypes, for illustrative examples of solution specifications.
- Created Dynamic & Intuitive UI design using **HTML5** & **CSS3**, **Bootstrap** for enriched user experience.
- Worked with **Angular 4** using **Angular CLI and .NET Core templates**, generated various components, routes, and services and structured the application code based on **Component based architecture**.
- Extensively involved in design discussions and user experience sessions to provide inputs on the layout, so, as to have optimized user interactions.
- Proficient in using **Angular 4** to create views to hook up models to the **DOM** and synchronize data with server as a **Single Page Applications**.
- Created Web API's (using **ASP.NET, OracleDB and Kronos**) for performing CRUD operations with respect to employee's weekly availability.
- Develop database functions, scripts, stored procedures and triggers to support application development using Oracle SQL Developer & Oracle 11g
- Developed custom Pipes and directives for addressing data filtering in the UI against a given set of rules and satisfying required business needs and functionality.
- Successfully designed and developed **RESTFul** web services **(Dependency Injection)** to interact with API's to perform create, update and delete records, enforcing current industry standards and practices.
- Used **GIT** for source code management and worked with **Visual Studio** and **VSCode** IDE towards **CI/CD** pipeline towards application build and deploying in IIS servers.
- Performed Unit and Integration testing to validate application functionality against a given business requirement.
- Proficient Knowledge of **JIRA** to track issues and communicate with other teams at various environments.

Development Tools, Methodologies & Environments: Agile approach, JIRA, Confluence, Axure, Angular 2 and above, HTML5/CSS3/JavaScript/Typescript, Bootstrap, ASP.NET MVC (C#), Core 2.0, Java, Oracle-PL/SQL, Web API's, Kronos HCM.

Netrix LLc June 2014 – July 2015
Web Developer – IDO, Client: *Sun Pharmaceutical, Cranbury, U.S.A*
Summary: Successful design of GUI for PharmaInsight™- A suite of solutions providing enhanced visibility, security and oversight over pharmaceutical supply-chain for enhanced tracking, management and transparency where-by collaborating in projects which involved web based enterprise software development in an agile driven environment.
Core Responsibilities:

- Successfully assisted in building 2 core modules of the suite using **ASP.NET MVC** and **Entity framework** for tracking and managing Drug Trial Reporting, medical assets and inventory management.
- Participate in technical design and application architecture sessions as needed during daily scrum meetings.
- Develop project plan, create pre-deployment checklists & implementation plans related to each sprint for an application module. Also, monitoring project progress on daily basis using Kanban board built-in to VSTS.
- Designing partial views and shared layouts for different views incorporating dynamic data-binding with **Angular framework**, custom navbar with associated event bindings and routes, content management for micro-sites etc.
- Creating reusable components and services for code optimization and reusability whereby encapsulating common set of solutions and/or features.
- Experience with SQL Server, SQL database programming concepts, including database architecture, stored procedures, query optimization, views, UDF and checking performance/scalability of database.
- Optimizing architecture design based on **OOPS** principle and implementing best software design practices for implementing **dependency injection** and **inversion principle** while creating application services.
- Implementing **RESTful API** controllers for exposing application endpoints and securely implementing **CRUD** operations using Web API filters and attributes for implementing different constraints to the endpoint.

Development Tools, Methodologies & Environments: Object-Oriented Design (OOD), Project Management, UML Design, Confluence/JIRA, Agile-SCRUM Approach using VSTS, ASP.NET(C#) MVC, Microsoft, Angular

HCL Technologies May 2013 - April 2014
Assistant Developer - Intern, Client: *MSME, Odisha Medical Corporation, HDFC Bank*
Summary: Developing a web-portal with associated modules for internal management process to align workings of **MSME** and **NIC** - Premier ICT Organization of the Government of India with its local business objectives in managing agency's/Individual application for capital funding approval based on a set of guidelines and approvals on verification. Also, collaborated in projects for a private bank for creating and managing customer credit profiling and reporting for loan approvals, optimizing data abstraction layer and associated business logics.

Core Responsibilities:

- Designing and documenting application data-flow diagrams and UML diagrams supporting project's requirements and use-cases.
- Designing HTML5 markup using **MS Visual Studio webforms** and single-page applications (ASP.NET) based on **Bootstrap** framework, **Razor-view templating engine** for generating client-side pages with associated view-models, building **WEB-API controllers** for exposing application end-points, toast notification to provide enhance feedback and response etc.
- Transforming – Integrating (CRUD operation) data storage solutions by creating RESTful services using **ASP.NET Web API/MVC** controller and **Code-First-Migration** using **Entity framework** and **LINQ**.
- Well-versed with concepts like **Fluent APIs, Data Annotations, URL Routing, View-Models** etc.
- Experience in creating Server objects like Tables, Stored Procedures, Views, Indexes, Triggers, Cursors, user defined data types and functions using T-SQL and PL/SQL in SQL Server.
- Building custom environment profiles, tracking and managing application infrastructure changes, implementing application builds and release management using **VSTS and Azure**.

Development Tools, Methodologies & Environments: TDD with Rapid prototyping, ASP.NET Web Application (C#), Code-Refactoring, Microsoft Visual Studio, Entity, LINQ, SSMS, CI/CD Pipeline.

Microsoft Development Center   January 2012 - December 2014
Community Evangelist
Development Tools, Methodologies & Environments: MS Visual Studio, Azure Portal, Cross-Platform Apps, HTML (4.1 - XHTML 1.0), CSS3, jQuery Plugins, AJAX, ASP .NET Core & MVC, TFS.

Pearson Educomp   September 2011 - July 2012
IT Analyst – I
Project: Multimedia Based Educational Content Development Project for Digital Classroom
Development Tools, Methodologies & Environments: UI/UX Mock-ups, Axure Tool, UML design, Adobe Photoshop, HTML (4.5/5.0), CSS3, JavaScript, Sublime Text.

EDUCATION

Master's in Software Engineering – 2017, University of Houston, Clear-Lake – **GPA: 3.9/4.0**
Bachelor's in Computer Science and Engineering – 2014, ITER, S'O'A University - **GPA: 3.85/4.0**

TECHNICAL SKILLS

.Net Technologies	.Net Framework: 4.5 and above, Core 2.0 and above, Web API/MVC Controller, MS Identity
Languages	Java, groovy, C++, C#, Dart, R-Programming, XAML, Gherkin
Web Technologies	ASP.NET Razor Template, HTML5, CSS3, SASS, Bootstrap 4 & 5, Material design, Angular, JavaScript, jQuery UI/mobile, Rxjs, chart.JS, d3.JS, Jasmin, mocha, Elmah Package, Sentry.io, JWT, Auth0
Mobile Technologies	Xamarin Forms (Xaml), Flutter
Database	SQL Server 2016/2012 rc-2, MySQL, Oracle 11g, MongoDB, DynamoDB, Amazon RDS, Firebase NoSql DB.
SDLC Tools/Others	Confluence, JIRA, MS Project, Axure, Invision, VWO, Katalon Studio Photoshop CC, VSTS AGILE Planning, Smartsheet.
Reporting Services	SSRS, Tableau
Web Server	IIS 6.0/ 7.0, Nginx, Apache
Cloud Integration	VSTS, Jenkins, Azure, Firebase
Version Control	SVN, GIT and GITHUB, Team Foundation Server
IDE	Visual Studio: 2015, 2017, IntelliJ, ATOM, VSCode, SSMS, Katalon
Design and Modeling	MVC 4.5/ 5.0, MVVM
Operation System	Windows 7/ 8 /10, Linux, MacOS