

Shlok Patel

(385) 630-3043 | shlokipatel@gmail.com | <https://www.linkedin.com/in/shlokp>

- 2+ years of professional experience as a Software Engineer, looking for full-time positions in Web/Software Development
- Skilled in all Software Development Life Cycle (SDLC) stages using Agile (SCRUM) methodology
- Organized, result driven and excellent communicator with active listening skills

Skills

Languages: C#

Web Dev: TypeScript, JavaScript, Html, CSS, Sass, D3.js

Technologies: .NET, Angular 2+, Entity Framework

Servers/Databases: SQL

Software Tools and IDE:

Visual Studio Code, Visual Studio 2017, Postman, Git

WebStorm, SharePoint, SSMS (SQL Server), Azure DevOps,

Operating Systems: Windows

Work Experience

Software Developer Intern, Health Catalyst, Salt Lake City, Utah

July'18 – Dec'18

- Developed Enterprise Data Warehousing software using ASP.NET Web API with Angular 5 based client side
- Used Entity framework (ORM framework) to perform CRUD operations on the database
- Wrote unit test cases using Jasmine and xUnit testing framework and maintained the code coverage over 88%
- Used OData to make calls to the backend APIs
- Reviewed colleague's pull requests and highlighted any discrepancies and brought it to their attention
- Contributed in creating wireframes using Adobe XD that aided user centered design
- Collaborated with peers to improve UX/UI and created new user stories from ground up
- Signed off every user story after Smoke/Ad hoc testing and fixing the bugs found.
- Deployed databases and web apps on Azure and performed regression testing to find critical bugs before the product release
- Contributed in all phases of SDLC which involves project planning, requirement analysis, design, development and end to end feature testing

Software/Systems Engineer, Infosys Limited, India

Oct'14 – Jun'16

- Migrated IBM Lotus Notes (LN) applications to .NET applications (Provider hosted and SharePoint hosted applications)
- Analyzed the LN applications and lotus scripts and developed Functional Requirement Specification (FRS) documents which included execution workflow with the new SharePoint application look and feel.
- Improved the project efficiency by directly communicating with the clients and facilitating the requirement phase.
- Developed Visual web parts and Application pages using Visual Studio 2010
- Used CAML and LINQ queries to retrieve and customize data from the SQL, and displayed it using web parts
- Created various OOTB web parts including Data View web parts and Custom web parts
- Customized the look and feel of the SharePoint pages and Master pages using Html, Css, JavaScript and JQuery
- Created test cases and performed Functional/black box testing for applications created by other team members

Education

University of Utah, Salt Lake City

MS, Computer Engineering

GPA: 3.72

May'18

- Relevant Courses: Data Visualization, Machine Learning, Programming in C++/Python, Computer Architecture

Gujarat Technological University, India

BS, Electrical and Computer Engineering

GPA: 3.68

May'14

E-Learning and Bootcamps: Data Structures and Algorithms, RDBMS, Angular Bootcamp, JavaScript testing

Projects

Twitter spam-bot detection (Machine learning)

- Extracted important features from the provided semi-structured twitter dataset
- Computed most effective and accurate machine learning algorithm after implementing Decision Tree, Support Vector Machine, Perceptron (Simple, Averaged, Decreasing Learning Rate), Logistic Regression, Naïve Bayes and Bagged Forest
- Maximized accuracy of the test dataset by performing cross-validation by applying different sets of hyper-parameters
- Achieved an average accuracy of 87% and best of 89.8% using the Bagged Forest algorithm

Consumer complaints for banking system (Visualization - ES2015 and D3.js)

- Designed and built flexible, innovative [website](#) using D3.js and JavaScript technologies
- Determined the action items from the semi-structured dataset (.csv and JSON) and brainstormed website components
- Created interactive line chart with zoom-able brush selection, map, zoom-able sunburst, bar charts and table
- Improved the interactivity and usability of the website by implementing filter functionality to filter unwanted data

Movie rental portal (ASP.NET Core and Angular 5)

- Created a movie rental page using Angular2+ and ASP.NET framework
- Made the application dynamic across environments by creating entity framework code first migrations
- Designed APIs to perform CRUD operations on movies and customer tables
- Integrated 3rd party API to find the IMDB rating of the movies