

Ketan K. Shukla

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SUMMARY:

Passionate software developer with experience in mid to large-scale projects

Technically astute with an aptitude to understand and deliver on the client needs within time and budget

Able to communicate technical concepts in layperson's terms to audiences of a non-technical nature

Mentoring and empowering the team to develop test driven code based on agile methodology

Understand and deliver value to the customer based on the desired user experience

Application development experience from conception to deployment; the entire SDLC

TECHNICAL SKILLS:

Web Technologies: HTML, HTML5, CSS3, SASS, JavaScript, AJAX, jQuery, WordPress, JSON, Twitter Bootstrap, React JS, Angular JS 1.x, Express JS, Node.js, GitHub

Development tools: Visual Studio Code, Postman.

Debugging tools: Chrome Developer Tools.

Frameworks: React JS, Angular, Node JS.

Servers: HTTP Web Server.

Platforms: Windows, Linux.

Methodologies: Agile, Water fall

Database : MONGO DB, PostgreSQL, Oracle 8i, 9i, 10g, SQL Server 2008

Testing Tools and Logging Frame Works : Jasmine, Selenium, Easy Mock

Programming Languages : Javascript, C#

PROFESSIONAL EXPERIENCE

React JS Developer

San Diego, CA

Next Wave Consulting

06/2013 – Current

- Experience in developing web pages using **HTML/HTML5, XML, DHTML CSS/CSS3, SASS, JavaScript, React JS, Redux, Flex, Angular JS (1.X) JQuery, JSON, Node.js,, Ajax, JQUERY Bootstrap.**
- Experienced in **MERN** stack development **Mongo dB, Express, Node, and React.**
- Experience in all phase of **SDLC** like **Requirement Analysis, Implementation and Maintenance,** and extensive experience with **Agile and SCRUM.**
- Extensive knowledge in developing single - page applications (**SPAs**).
- Working knowledge of Web protocols and standards (**HTTP HTML5/XHTML/XHTML-MP, CSS3, Web Forms, XML, XML parsers**)
- Good experience on customizing **CSS frameworks** like **Bootstrap** and **Foundation** using **CSS** pre-processor **SASS.**
- Implemented easy to use **Bootstrap plugins** for building **carousel, accordion, modal windows** etc.
- Good Expertise in analyzing the **Document Object Model (DOM) Layout, DOM Functions, and Java Script functions, Cascading Styles** across cross-browser using **Fire Bug, Developer Tool Bar.**
- Expertise in **React JS** framework to develop the **SPA.**
- Experienced in **React JS** and working with **React Flux architecture.**
- Experienced in working with **Redux architecture** using complex Object-Oriented concepts in improving the performance of the website.
- Experience in using **React JS components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept.**
- Good Experience in **React.js** for creating interactive **UI's** using **One-way data flow, Virtual DOM, JSX, React Native** concepts.
- Familiar with creating Custom Reusable **React Components Library.**
- Expertise in using **Angular JS Directives, Controllers, Filters, Services, Templates, Events and Injectors.**
- Experienced in working with **Node.JS** and **NPM**
- Experience in Node environment using **Node.js, NPM, Grunt, Gulp, Groovy Bower.**
- Strong in using the **Node.js, and Require.js** and **MVC Frameworks** in the development of the web application
- Expertise in implementing the **MVC architecture** in backend.
- Expertise in writing **SQL, PL/SQL, Stored Procedures, Cursors, Triggers** with **Oracle 9i/10g, MySQL, PostgreSQL, MongoDB** and **MS-SQL Server.**
- Involved in writing application level code to interact with **APIs, RESTful Web Services** using **AJAX, JSON.**
- Expertise in video coding by using **HTML5, CSS3** and **JavaScript.**
- Expertise in **RESTful, SOAP** web services to integrate between **Application to Application**
- Experience with **front-end development** with **back-end system integration.**
- Proficient in using **Unit.js** testing framework along with **Jasmine, Karma, Protractor, Mocha** test runners
- Experience in Version Control tools like **CVS, GIT, SVN** and Clear-Case for Source Code version management.
- Experience in **Jenkins** and **Maven**
- Ability to work effectively while working as a team member as well as **individually.**
- Excellent communication and Inter-**Personal Skills, well organized, goal oriented.**

Responsibilities:

- Design, develop and test **HTML5, CSS3, Bootstrap, JavaScript, jQuery** and **React.JS** that meets accessibility and web browser standards for website.
- Designed **CSS templates** for use in all pages on the website working with **CSS Background, positioning, text, border, margin, padding, and table.**
- Applied optimization techniques to reduce **page size** and **load times** to enhance user experience using **sprites.**
- Developed user interface by using the **React JS, Flux** for **SPA** development.
- Implemented **React JS** code to handle cross browser compatibility issues in Mozilla, IE 7, 8, 9, Safari and FF.
- Used React-Router to turn application into **Single Page Application**
- Worked in using **React JS components, Forms, Events, Keys, Router, Animations and Flux concept.**
- Used Web services (**SOAP** and **RESTful**) for transmission of large blocks of XML/JSON.
- Maintained states in the stores and dispatched the actions using **redux.**
- Implemented the **Drag and Drop functionality** using **React-Draggable**
- Component for UX-Library consisted of **Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown** and many more.
- Worked on displaying data using the **Custom Components, library Components, and Redux.**
- Used **Middleware, Redux-Promise** in application to retrieve data from **Back-End** and to also perform **RESTFUL services.**
- Added Dynamic Functionality by creating and dispatching **Action Creators** that deployed Actions.
- Created and used **Reducers** that received said Actions to modify the **Store State Tree.**
- Optimized **animation logic** with optimistic functions to increase performance in rendering.
- Worked with backend engineers to optimize existing **API calls** to create efficiencies by deprecating unneeded **API calls.**
- Called the **Restful** web services calls for **POST, PUT, DELETE** and **GET** methods and tested API end points with **Postman.**
- Have worked on **AWS for fetch the pictures files from AWS to UI.**
- Used **React flux** to polish the data and for single directional flow.
- Used **Object Oriented Programming** concepts to develop **UI** components that could be reused across the **Web Application.**
- Extensively used **Git** for version controlling and regularly pushed the code to **GitHub.**
- Worked with **JASMINE** unit test framework to write unit tests for JavaScript code.
- Extensively used debugging tools such as **Chrome Developer tools** to investigate the issues and fix the bugs.

Independent Business Owner

San Diego, CA

Empower Network

08/2012 - 12/2014

- Emphasize product features based on analysis of customers' needs.
- Attend trade shows and sales conferences.
- Collaborate with colleagues to exchange selling strategies and marketing information.
- Used networking opportunities to create successful, on-going business relationships.
- Train new customers one-on-one.
- Lead group trainings.

Independent Business Owner

San Diego, CA

Send Out Cards

07/2010 - 07/2012

- Emphasize product features based on analysis of customers' needs.
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Independent Consultant
ON

Ottawa,

C# ASP.NET SQL Server Developer

06/2006 - 03/2011

- Experience in support and enhancement of real time web-based applications based on platforms such as Ruby on Rails, HTML5, CSS3, Javascript and Ajax.
- Consulted with small to mid-sized companies in providing guidance the back end framework to work on their business needs and developed a plan for executing and guiding the development work to the end product.
- Implemented full stack ruby on rails.
- Developed APIs and integrations with various systems used by the companies.
- Thrived in a fast paced environment with a firm understanding and implementation of software engineering trends.
- Applied SOA, TDD, BDD and Agile Scrum methodologies for software development and management.
- Expertise in Ruby on Rails, web frameworks and other programming languages, a passion for Web 2.0 trends, APIs, mashups and other disruptive technologies.
- Proficient in Ruby, Ruby on Rails, AJAX, Javascript, JQuery, Sublime, Atom, RubyMine IDE.
- Excellent knowledge of Object Oriented Concepts and Web development technologies using UML.
- Conceptualized the design and developed classes using Rails framework.

Independent Business Owner

Ottawa, ON

ACN

01/2007 - 06/2009

- Involved in the brokering of telecom services from major service providers. Customers usually save money with services like Cell Service, TV, Internet, Merchant Services.
- Sold essential services that most people already use but paid for at a much higher cost.
- Opened a web store affiliated with ACN Independent Business Owners.
- Implemented and evolved high-impact strategies to target new business opportunities and new markets.
- Managed the in-house advertising program consisting of print and media collateral pieces.

C# ASP.NET SQL Server

Ottawa, ON

Avanade Canada

03/2002 - 04/2006

- Led mid to large level private and Government of Canada projects – Canada post and Canada Immigration Services and private enterprises.
- Managed and mentored a team of four developers to accomplish project deliverables.
- Communicated project updates including risks and production issues to the program manager.
- Developed internal local frameworks that saved the project \$1.5 million in costs.
- Hired and managed employees and consultants per the departmental and project level needs.

- Managed technical aspects of each of the projects including system architecture, database management, code development and delivery.
- Spearheaded and resolved client facing issues and high priority bugs for operational efficiency.
- Implemented BizTalk/C#/SQL Server to enable companies automate business processes.

C# ASP.NET Oracle Developer (DBA)

Ottawa, ON

Willis Business College

09/2002 - 12/2002

- Developed an end to end web application using VB.NET, ASP.NET and Access/SQL Server 2000.
- Architected the solution to facilitate assignments of classrooms buildings and students via the intranet web and the student registration and scheduling system.
- Worked as part of a team of three developers on the project and was often responsible for assigning sub-tasks and supervising their progress.
- Developed scripts for the Access and SQL Server databases that included writing creating database objects such as Tables, Views, Stored Procedures.
- Scripted and developed the User Interface design, middle tier components and database design for the application.
- Implemented the solution using the n-tier object model, separating the user interface from the business rules.
- Implemented the solution using the object oriented design. Designed classes that used inheritance, polymorphism, encapsulation, abstraction.
- Used ASP.NET controls such as the data grid to display result sets in a tabular format and used the AutoPostBack feature in some cases to minimize the user interaction.

C# ASP.NET Oracle Developer

Ottawa, ON

Nortel Networks Corporation

08/1999 - 12/2001

- Mentored junior developers on the technical aspects of web development and delivery
- Promoted twice after annual performance reviews.
- Implemented VB6 and C# .NET to develop website which included local as well as integrated effort for workforce communication.
- Developed and managed seven Nortel's intranet and internet websites that reached the global customer base and employees.
- Developed Oracle databases with PL/SQL.
- Saved the company a total of \$730K as a direct result of automating tasks that ran as cron jobs and Windows services
- Restructured the architecture of the existing project to provide a firm stability at the data layer.
- Collaborated on the Process Logistics and Notification System (PLANS) tool in VB6 and Oracle 7.3.4 and 8.1.7.
- Re-engineered certain components of the application under the new architecture that did not function productively under the existing one.

VB.NET C# ASP.NET SQL Server Developer

Ottawa, ON

Senstar-Stellar Corporation

01/1999 - 04/1999

- Created a 3 tier application with VB6 and MS Access 7.0.
- Designed and developed the Access Database which consisted of 20 tables.
- Used the Symantec ACT! Software development kit to tie the contact management database to VB.
- Synchronized the ACT! And Access databases depending on the changes in the VB application.
- Implemented the Data Environment Designer in the Application.
- Used Visual SourceSafe for SCC management.
- Documented code and the application as the project progressed.
- Leveraged Microsoft Excel as a reporting tool – implemented macros for internal functionality with VBA.

VB.NET Sybase SQL Developer

Ottawa, ON

NCR Canada

11/1996 - 07/1997

- Designed User Interface forms using Visual Basic 4.0 for a high level commercial application.
- Prepared Stored Procedures for retrieval of data using Sybase SQL.
- Involved extensively in testing and debugging of code.
- Responsible of creating internal and external builds to be distributed to a variety of locations on a weekly basis.
- Responsible for finalizing all code that is submitted for each internal or external build.
- Responsible for creating reports from data generated from both real time and dated databases.
- Created new application components / modules that enhance the performance of the product.
- Responsible for converting a two tier client-server applications to a three-tier environment by introducing the concept of business objects that behave as a filter that processes the extensive set of data returned and returns only what is required.
- Responsible for cloning microcomputers with the latest version of external builds.

VB.NET Developer

Ottawa, ON

Fulcrum Technologies Inc.

01/1995 - 06/1995

- Responsible in UI development for Search Express and Search Server 2.0.
- Responsible for testing and debugging of extensive code.
- Created new modules and extended functionality on existing components.
- Worked primarily on the development of Search Express text retrieval querying tool.
- Responsible for testing developed Fulcrum applications and those under development under the Microsoft Windows 95 operating system (beta version).

- Responsible for transporting code from Visual Basic version 3.0 to version 4.0 for both developed and developing applications, both under Windows 3.11 for workgroups and Windows 95 (beta) operating systems.
- Responsible for testing applications under the windows NT 3.5 operating systems.
- Reported progress on a bi-weekly basis and submitted an interim report during weekly meetings.

EDUCATION AND CERTIFICATIONS

MCP and MCAD Certification

.NET Application Developer Diploma

Oracle and Visual Basic Applications Developer Certification