**SHANKAR DUTT MISHRA**

**SUMMARY:**

* Having more than 11 years of extensive IT experience in developing client-server based application.
* Highly enthusiastic, dynamic, hardworking with good expertise in programming and highly focused on implementation of new ideas. Passionate to learn new technologies and their implementation into the projects. Extensive experience in web development using React/Redux, MEAN stack, HTML5, CSS3, jQuery, JavaScript, Bootstrap, MySQL, Rest API, AJAX.
* Around 4 years of strong architectural, leadership expertise and delivery management skills.
* Proven abilities in understanding & coordinating client’s needs, enhancements, requirement gathering, analysis, customization, conflict management, work allocation, providing solutions and adherence to schedules.
* Instrumental in achieving customer satisfaction by ensuring service quality norms and building the brand image by exceeding customer expectations.
* Capable in the execution and design of software development, specifically in the area of User Interface & Component based product development.
* Experience applying the latest development approaches including MVC, event-driven applications using Ajax, Object oriented (OO) JavaScript, JSON.

**SKILL MATRIX**

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| --- | --- |
| **Languages/Web Development** | React/Redux, Mern Stack, Java Script, Type Script, AJAX, jQuery, Node.js, Bootstrap, jQuery-UI, Handlebar, HTML, HTML5, CSS, CSS3, Google Map, High chart, D3.js, Angular, LESS, SASS, JavaScript, Core Java, Python, Perl, Mason(Perl MVC Framework and Perl CGI), PHP, C++ |
| **Tools / Frameworks** | Grunt, Gulp, Webpack |
| **Tools/Code Versioning** | SVN, Git Hub |
| **Databases** | MySQL, Oracle |
| **Cloud Platform** | AWS, GCP |

**PROFESSIONAL EXPERIENCE:**

**Project: AI-4-BI Aug ‘18 – till date**

**Description:** This project is basically a Business Intelligence tool/Solution which is use for multiple domain like Airlines, Retail and telecom. It will Analyze the data and based on that it will provide solution. It is a dashboard kind of product which shows different parameter of any solutions. This is a widget-based application.

**Responsibilities:**

* Developing the applications from scratch with React/Redux.
* Architecture work on Front End Designing and implementing Web UI framework that improve the overall developing process of web application.
* Working closely with onsite team with daily basic and handling offshore team for on time delivery.
* Working with Back-end team and discuss about services and object structure based on wire-frame.
* Implementing the logic and mentor team member when required.
* Coding and Unit testing of application through JUnit.
* Involved in end to end implementation of User Story based on Agile Working with testing teams to identify potential bug.
* Highly improved user experience and improved response times

**Environment:** React.js, Redux, ES6, Web pack, Node, SVN, D3, High chart.

**Project: Signal Hub (Product) Jun ‘17 – Till date**

**Description:** Signal Hub is an end-to-end Big Data analytics platform for large enterprises. It accelerates the process of extracting insights and intelligence from large volumes of data, including data of different types and in different formats. It’s a data science tool for row data processing, data quality and management, data transformation, Analysis of data, Signal creation, module development and execution and publishing. Signal Hub is built with, and works with latest Hadoop ecosystem tools. It focuses on end-to-end analytics lifecycle. It Integrates into customer data & analytics environment.

**Responsibilities:**

* Working as a Technical Lead on UI side, I closely work with software engineers, UI/UX designers, Business/senior management and analytics team.
* Gauge technical requirements; employ right tools and technologies to build solutions in timely manner.
* Involved on all the architecture work on UI side and 3rd party libraries to support the product.
* Working as an Individual contributor to work on UI side and involve/understand in backed architecture
* Knowledge on Hadoop ecosystem, Scala programming and Spark sql.
* Manage development effort across different teams from different geographical locations.

**Environment:** Angular 2, Angular 4, (Initially AngularJS), Type Script, Less, Webpack, D3.js, High chart, JQ-grid, Hadoop, YARN, Sqoop, Hive/Impala, Python, Spark-Scala, Java 1.8

**Project: Find My Doctor (FMD)– Product Mar ’17 – Aug ‘17**

**Description:** This project is basically a Practo type of application, where we suggest doctor based on location, specialty, rating, Age and Sex. We also provide Image map for location finding for male and female.

Based of image pointer, it will show the enlarge view of body area and point out the possible area of problems. We can also select problems/location based on auto complete drop downs.

**Responsibilities:**

* Worked on UI framework and project architecture as required for Mean stack.
* Worked closely with onsite team with daily basic and handling offshore team for on time delivery.
* Worked with Back-end team and discuss about services and object structure based on wire-frame.
* Implemented the logic and mentor team member when required.
* Involved in end to end implementation of User Story based on Agile Working with testing teams to identify potential bug.

**Environment:** MEAN Stack (Angular 2, Node, Express and MongoDB), Bootstrap, Web pack, Karma (Jasmine).

**Project: United Airlines Contact Center – Trip Narrative (US) Jul ‘15 – Dec ‘15**

**Description:** Trip Narrative centralizes all of the events that occurred during a customer's trip. Customer service representatives can validate and understand the customer’s complaint. This project is basically used for Customer care folks of United airlines. This is dashboard project, which is showing multiple widgets of flight experience. It is based on different parameter like Customer flight (Line of flight, Flight details, PNR details, Travel narrative) and Customer history.

**Responsibilities:**

* Architecture work on Front End Designing and implementing Web UI framework that improve the overall developing process of web application.
* Working closely with onsite team with daily basic and handling offshore team for on time delivery.
* Working with Back-end team and discuss about services and object structure based on wire-frame.
* Implementing the logic and mentor team member when required.
* Coding and Unit testing of application through JUnit.
* Involved in end to end implementation of User Story based on Agile Working with testing teams to identify potential bug.

**Environment:** Angular 2/4 (Initially AngularJS), Bootstrap, Nodejs, Web pack, Restful web services.

**Project: Physician Recon** **Dec ’15 – Till date**

**This is quite a large project. We have five clients for this project. It is still in growing phase.**

**Description:** This is based on advanced predictive analysis/Forecasting model and worked on Physician system of Hospital.

Its check all Physician charge data and examine. This model gives each missing charge/over charge and based on that expected value. The main focus is to find revenue and better management control. Management also controls auditor performance. It’s basically finds charges more accurately and continually improves, enhance productivity.

**Responsibilities:**

* Gathering the requirements for developed wire-fames and Designing the application architecture.
* Working closely with Product manager and gathering requirement.
* Enhanced user experience by designing new web feature using MVC framework like AngularJS and Node JS.
* Created custom directive, custom filter using Angular JS
* Setup module building with Webpack, NodeJS, setup up production and dev environment script and output configuration.
* Basic implementation of new features of ES6 (ECMAScript6) in Project
* Working with Back-end team and discuss about services and object structure based on wire-frame.
* Implementing the logic and mentor team member when required.

**Environment:** HTML5, JavaScript, jQuery, Angular JS, LESS, Node.js, Spring, JOOQ

**Project: Revenue Leakage Product Jul’14 – Till Date**

**This Product is still in growing phase. We have seven clients till now and two more clients are to be on board.**

**Description:** This is based on advanced predictive analysis and worked on billing system of Hospital.

Its check all hospital billing data and examine. This model gives each missing charge and based on that expected value. The main focus is to find revenue and better management control. Management also controls auditor performance. It’s basically finds charges more accurately and continually improves, enhance productivity.

**Responsibilities:**

* Gathering the requirements for developed wire-fames and Designing the application architecture.
* Working closely with Product manager and gathering requirement.
* Working with Back-end team and discuss about services and object structure based on wire-frame.
* Implementing the logic and mentor tem member when required.

**Environment:** JQuery, JavaScript, CSS, Nano.js, Restful API, MySQL.

**Projects: Performance Dashboard Jul ‘13 - Jun ‘14**

**Description:** This tool aggregates and analyzes hospital and physician performance across locations and provides signals for detecting early behavior/performance changes. The Hospital Performance Aggregation Dashboard pinpoints admission and referral volume and revenue risk and upside and delivers insights in real-time, across platforms so that management and business development can take action to maximize revenues.

**Responsibilities:**

* Gathering the requirements for developed wire-frames and Designing the application architecture.
* Creating custom components for the charts.
* Developing logic for sending Remote request, data retrieval and preparing client-side data to display in different Pods.
* Developing logic for rendering client-side data in the form data-Grid and charts.
* Testing of the application and issue fixes.

**Environment:** JQuery, JavaScript, CSS, Nano.js, Restful API, MySQL.

**Project: B2B Oct ‘11 - Jun ‘13**

**Description:** B2B is a large project to manage our agents all over India. Here we have multiple phases. This model is based on Agency and Sub Users. Here we have registration process for the Agency. Agency activation and after activation the Agency will be able to create his sub users. Agency will be able to create, update, activate/deactivate and delete his users. Agency can set his markups for hotels, flights and train bookings. Agency can review his total sales reports.

**Responsibilities:**

* I am involved in this project from the scratch. Involved in the designing process of this system.
* This is a very large projects and lot of things have been automated to make the system flexible and code reusable both at DB layer and Application layer. The whole application is purely Ajax/JSON driven.
* I am responsible for all the User Registration, Access Related management of Agencies/Sub Users for products (Flights/Hotels/Trains/MyBooking and Holidays) and the B2B Admin section of Yatra from where we manage the Agencies.
* I have contributed lot of development in Admin Panel from where we can Manage Agencies, Detailed view of Daily Booking with Status, Upload Deals, Manage our Sales Agents, Manage our Admin Users, Block Specific Airlines for Agencies, Block access to Admin users on various Functionality, Block various Product for Agencies.
* Apart from this at application layer I have write modules to hit web services for Flights/Hotels and convert the response to JSON and return the result to web layer. Also created a number of sales reports for Agencies and Admin section of Yatra. Lot of contribution to writing jQuery for implementing all the above functionality.
* I have written common jQuery scripts for Agency/Sub User registration system and the common validation task.

**Environment:** Perl, Mason (Perl MVC), My Sql, Java Script, jQuery and Ajax.

**Project: Domestic Holiday Packages (BYOP) Oct ‘10 - Sep ‘11**

**Description:** BYOP packages a variety of services together to make a single combined trip. Commonly it combined such things as transport, accommodation and meals. It also includes the provision of a tour guide and/or leader. Tours can be long or short-in duration and distance. It could be a one-day or overnight package, or it could be a period of a month or more.

**Responsibilities:**

* I am involved in this project from the scratch. Involved in the designing process of this system.
* This is a very large projects and lot of things have been automated to make the system flexible and code reusable both at DB layer and Application layer. The whole application is purely Ajax/JSON driven.
* My major role in this project was on the UI Layer. I have used jQuery and lot of jQuery plugins to make the website more user friendly and attractive.
* Working closely with Product manager and gathering requirement.
* Working with Back-end team and discuss about services and object structure based on wire-frame.
* Implementing the logic and mentor team member when required.

**Environment:** Java, Spring, My Sql, Java Script, jQuery and Ajax.

**Project: Online Booking Engine (Hotels & Airlines) Jun ‘8 - Sep ‘10**

**Description:** It was an online booking engine which allows to choose from a wide range of travel products (hotels, air tickets) and book them on Yatra.com. It displays rates and allocations in real time and shows the customer an immediate confirmation of the product / service booked. It combines multiple services (like hotels, flights) and may be integrated from a 3rd party vendor (like Expedia, GTA etc.) into the website. It provides an easy access to payment processes and purchase systems. The customer can finalize a booking easy and without any help / need of contacting a travel agent or a hotel. It displays rates and allocations in real time and shows the customer an immediate confirmation of the product / service booked.

**Responsibilities:**

* I was involved in this project from the scratch. Involved in the designing process of this system.
* This is a very large projects. The whole application is purely Ajax/JSON driven.
* My major role in this project as it includes both hotels and airline booking. My major role was on the UI Layer. Here we have the challenge to make the website more user friendly and highly available. I have used jQuery and lot of jQuery plugins to make the website more user friendly and attractive.
* Architecture work on Front End Designing and implementing Web UI framework that improve the overall developing process of web application.
* Working closely with onsite team with daily basic and handling offshore team for on time delivery.
* Working with Back-end team and discuss about services and object structure based on wire-frame.
* Involved in end to end implementation of User Story based on Agile Working with testing teams to identify potential bug.

**Environment:** Java, Spring, My Sql, Java Script, jQuery and Ajax.

**Project: EdgarE2 Jul ‘7 - May ‘8**

**Description:** It was a data conversion tool written to convert XML files into HTML files. Here we got word files from authors who want to publish their books online. Initially we convert these word files into equivalent text files by styling them and writing macros to convert the word file to equivalent text files by applying tags to each style like para, div, table etc. After we run Perl scripts that will convert the text file into equivalent XML file. Then we keep these XML files and convert them to equivalent HTML files. After this the books were published on internet. Here we have some world class publishers like Cambridge University Press, Thomson Delmar Learning, ETM, McGraw Hills, Pearson, Mitchell, Lippincott Williams and Wilkins.

**Responsibilities:**

* I was involved in this project from the scratch. Involved in the designing process of this system.
* I was leading this project. I have created lot of macros in Word and write lot of Perl scripts.
* Directly involved with the business team to understand the requirement.
* Here leading a team of 4-5 people in Perl, Word Macros and HTML.

**Environment:** Perl, JavaScript, XML, XSLT and HTML.