

Kalpna Patel

Software Developer - MasterCard

Edison, NJ - Email: patel3kalpana@gmail.com

- Around 6+ years of experience working as a Full Stack Developer and involved in System Architecture, Design development and Implementation with expertise in different Industries including Finance, Insurance and Healthcare.
 - Experience in building an application using MEAN and MERN stack: Mongo DB, Express, AngularJS, Angular 2 Node.js v4 and ReactJS v15.0
 - Customized web features using JavaScript and JQuery2 with DOM manipulations and Integrated the service call with UI using http requests which is a substitute for AJAX in AngularJS1.x
 - Strong experience in Angular Routing, UI routing, Services, Factories, Directives and Filters. Created SPA's using AngularJS 1.x Also experienced in making Bar charts, pie charts using D3.JS.
 - Efficient in developing web applications using HTML5, CSS3, Bootstrap3 framework, AJAX and used task runners like Grunt and Gulp to automate CSS3, preprocessors Sass/LESS to optimize images for the same
 - Experienced with LAMP/WAMP development using Apache Server 2.4.x/2.2.x, MySQL 5.7, PHP MyAdmin 4.x, MySQL Workbench 6.x/5.x and Object-oriented PHP 7.x/5.x
 - Experience as Back End Developer in PHP frameworks like Drupal, Joomla, WordPress, Laravel
 - Experience in using SQLite Database for mobile data management and SQL SERVER database for web data management, Experience in Testing UI design manually and using automation tool.
 - Developed, created and executed unit test cases using Mocha, Jasmine, Karma, QUnit based on TDD (Test Driven Development) approach. Experienced in version control systems like Git and SVN.
 - Extensive experience with Waterfall life cycle and Agile/SCRUM model.
 - Excellent analytical and programming abilities along with excellent communication and interpersonal skills and effective team player and self-motivated to contribute towards team/company goals in addition to individual commitment towards excellence.
- Willing to relocate: Anywhere
Authorized to work in the US for any employer

WORK EXPERIENCE

Software Developer

MasterCard - New York, NY - October 2016 to Present

Project: MasterPass

MasterCard is a leading global Financial Services company which offers payment processing services to

banks, online retailers, brick and mortar stores.

Project Description:

MasterPass Digital Wallet is an implementation of MasterPass that is aimed at bridging the Gap between

user convenience and security of financial institution data. MasterPass provides benefits like Purchase

Authentication, Data Protection, Zero Liability Protection, Advanced Security in stores and so on. The project

consists of 3 modules including virtual card, user registration and user account information. The Virtual card

module dealt with the parsing of user data and related information pertaining a user account and enabling

features such as Tap&Go, QR scanning for payments. This app was developed in AngularJS 1.0, as a Single

Page Application, with NodeJS for connecting with MongoDB in the backend. Responsibilities:

- Worked on Angular JS to implement Single Page Applications (SPA) using directives, reusable custom

modules across projects, expressions, routers, views, model and controller.

- Designed and developed the application to be responsive design using Bootstrap (HTML5, CSS, and JavaScript).

- Responsible in creating single page applications utilizing Angular.js Router in the application.

- Used Angular MVC engineering and two-way data binding strategies in the improvement of the application.

- Designed and Implemented page layout utilizing JQuery, Bootstrap3, information representations with D3.js.

- Experience in planning page design utilizing HTML5, CSS3 alongside Angular.js and adding dynamic usefulness to every module.

- Involved in designing the components and services for rendering the data onto the view.

- Designed the service layer to make calls to the REST API and consumed the produced data, injected the same the components.

- Designed filters and directives to perform the business logic.

- Used different modules like HTTP Module, Form Module and so on. to make calls to the API and render it on to the view.

- Responsible for quality confirmation of completed sites including the approval of web structures and connections.
- In Backend Database implemented using NodeJS and MongoDB.
- Created the logos, pictures and symbols that were utilized over various pages utilizing Adobe Photoshop.
- Produced content pages with CSS3 format and style markup introductions and furthermore utilized JavaScript strategies and properties.
- Created Responsive Layouts for various gadgets and stages utilizing Bootstrap.
- Updated the site every now and then for exceptional requirements.
- Used TDD approach. Tested structures utilizing Jasmine, Qunit.

Environment:

Angular JS, HTML5, CSS3, Bootstrap, JavaScript, JQuery, HTML5, JSON, AJAX, Adobe Photoshop,

MongoDB, NodeJS, Visual Studio 2010

Software Developer

American Family Insurance - Tysons Corner, VA - December 2015 to September 2016

Project: Individual Edge

American Life Insurance is a main worldwide provider of insurance, investments, annuities and employee

benefit programs. Their business principally concentrates on life insurance, disability insurance, accident

coverage and home protection.

Project Description:

Individuals Edge gives incorporated and streamlined administration of the client information to the customer

service team. The re-engineered framework has two primary modules which are center functions and

supporting functions. Billing, claims, reinsurance, accounting, rating are the sub modules for center

functions. Representative/Agent Portal, administration dashboards, reports and archives and structures are

for supporting functions. Agent can view insurance and general business transactions, charges, claims, stack

and keep up business rules.

Responsibilities:

- Experience in creating SPA considering unidirectional stream application utilizing React-Redux and Node JS.
- Helped plan and manufacture React and Redux front end of stage.
- Involve in creating reusable UI components using react js
- Created structures to gather and approve information from the client in HTML5 and ReactJS.

- Unified code base utilizing React.js and Node.js for both server/customer side rendering with isomorphic.
- Used React.js library capacities for the coherent usage part at customer side for all the application.
- Created React.js for reusable parts (multi-field frame components, foundation record transfers.
- Implement react redux for generating visualization reports
- Developed non-useful HTML5, CSS pages from the taunt ups and included in UI survey with Architect and Business Units.
- Improved a key piece of the code and utilized Node, Grunt and Developer instruments.
- Built custom UI Widgets and Application rationale utilizing MVC engineering.
- Experience in precise D3.js for working with the doughnut and the line diagram.
- Designed dynamic customer side JavaScript, codes to fabricate web shapes and reenact prepare for web application, page route and frame approval.
- Used Node Package Manager (NPM) to introduce the necessities bundles from my application.
- REST utilizes the standard HTTP ask for and reaction instrument, disentangling execution and accommodating a looser coupling of the customer and server.
- Widely utilized improvement methods in existing code.
- Was mindful to speak with End customer to bolster the application and broke down/settled the issue
- Developed generation CSS utilizing LESS to keep up an adaptable plan framework.
- Extensively utilized Bootstrap for quick advancement and styling of HTML parts.
- Tested structures utilizing Mocha and Karma.
- Debugged the application utilizing Firebug to navigate the records and controlled the Nodes utilizing DOM and DOM Functions utilizing Firefox and IE Developer Tool bar for IE.
- Involved in different periods of Software Development Life Cycle (SDLC) of the application like Requirement Gathering, Design and Analysis and code advancement.
- Involved in bug settling and helped QA group in exploring through the pages.
- Worked with the group of engineers and back-end Developers to accumulate prerequisites and upgrade the application usefulness and include new components.

Environment:

React JS, Bootstrap, AJAX, Sublime Text 2, MongoDB, NodeJS, JQuery, JavaScript, JSON, Dreamweaver,

Photoshop, Restful web-services, Grunt, Gulp, karma, JIRA, Mocha, HTML5, CSS3

Software Developer

Sony Computer Entertainment America LLC - San Diego, CA - July 2013 to September 2015

Project: Bend Studio

SIE Bend Studio (formerly Blank, Berlyn and Co. and Eidetic) is an American first-party video game developer founded in Bend, Oregon in 1993. They were acquired by Sony Computer Entertainment in 2000 and are best known for developing the Siphon Filter series franchise. The company has quite a few highly rated games under its name.

Project Description:

We created Bend studio in Drupal which is a PHP framework. In the website, it provides information for different games, also users can buy the games and it provides other information related to game and company. We made it portable as well as mobile friendly, and it can render properly in any device without breaking the image designs.

Responsibilities: • Developing and creating PHP, HTML5, CSS3, MySQL, JavaScript Website and Applications as per the specifications

- Performing the responsibilities of implementing and hosting of systems on a web server
- Coordinating with team members in developing database structure
- Implemented, prepared, executed and installed support to assure quality system changes
- Handled PHP backend development for dynamic database driven website
- Troubleshoot problems with PHP and other web technologies
- Experience in common third-party APIs
- Designed, developed, coded, tested and debugged system requirements for conversions and development projects
- Communicated with clients to meet up with their requirements
- Performed other related tasks under the instructions of a senior PHP programmer
- Keeping track of website visits, updating new content displays on websites
- Modifying and extending open source applications like CMS Made Simple, Joomla, Magento and Wordpress.
- Lead in the requirements, design, development, rollout, and support phases of this project.
- Enterprise versions of Magento Commerce e-commerce platform
- Web development: Open Graph, Like Button, Dab Share, Graph API, Like Box, Like Button, Comments,

Activity Feed, Live Stream, Facebook for Websites

- Coordinated in developing special projects using PHP, HTML5, JavaScript, CSS3, and related technologies.
- Involved in developing UI -User Interface pages using HTML, XML, DHTML, XHTML, CSS3, JSON,

JavaScript,

Environment:

PHP, HTML5, CSS3, MySQL, CMS -Magento, Wordpress, Drupal, Joomla

WEB Server: XAMPP, LAMP, WAMP

Software Developer

AdRinger - Venice, CA - June 2012 to June 2013

Project: AdRinger

AdRinger is a worldwide established company, which helps to track calls and send messages. adRinger click-to-call system enables optimization of mobile media usage based on call and call duration.

Four of the 10 largest mobile media networks currently report adRinger's call and duration-based conversions

directly in their interface, providing digital marketers quick and easy ROI calculation for their call marketing campaigns.

Project Definition:

Application to track the voice calls going through the system. Also Click-to-Call Advertising, Call Tracking

Analytics, Inbound Call Tracking, Mobile Marketing, Pay-per-Call, and Call Marketing Automation, the system

architecture to support failsafe architecture, API support, other security enhancement in PHP Lithium

Framework and MongoDB to store data using Mongo DB replication.

Responsibilities:

- Developed web portal for auto catching punching of employees for attendance, payroll-wages, leave apply by employees (front-end, back-end, connecting web portal with making shipping labels)
- Improved layout of web site and Implement Online performance evaluation system by employees and measure skill by supervisor and based on that applied for training need identification on website.
- Maintain online training record and legal compliance reminder register in website
- Developed web portal for auto catching punching of employees for attendance, payroll-wages, leave apply by employees and sanctioned by supervisor online thorough website individual log-in.
- Collaborated with software engineer, developed module for HR muster for Employee, implement payroll software, warehouse inventory software for run smooth and better business.
- Developed care context viewer which was developed using PHP, HTML, CSS, JavaScript, and AJAX.
- Developed a dashboard in Bootstrap to get the progress of all the facilities at one go.
- Played crucial roles in talking to clients and delivering within the deadlines.
- Expertise in all the phases of SDLC life cycle.
- Experience working with agile methodology.
- Experience working and coordinating with different time zones.
- Developed handy tools using VB.Net which helped in progress and reduced the amount of processing by

90%.

Environment:

PHP, MySQL, JavaScript, JQuery, JSON

Solution Analyst

Solution Analyst Pvt. Ltd - January 2011 to May 2012

Role: Software Developer

Project: Solution Analysts Site

Solution Analysts is developing mobile applications and mobile platforms since last 5 years.

During this tenure,

they have developed more than 250 mobile applications ranging from simple to enterprise level complexity.

They have developed expertise on iOS, Android and PhoneGap based platforms and various libraries. They

are a leading Mobile Enables IoT Solutions provider specializes in delivering web and mobile app solutions

with a unique combination of creativity, knowledge and technology.

It's an internal project to manage company website built in PHP CMS Drupal. We have worked on New

Theme integration with mobile responsiveness and other modules such as integrate new plug-ins and custom requirements.

Responsibilities:

- Developed testable and reusable PHP based APIs.
- Integrated APIs for Facebook, Twitter, Google and Maps web and mobile devices.
- Created wordpress application.
- Identified application issue and work with product development team to resolved.
- Performed quality assurance for client websites and new product releases.
- Integrated front-end functionality into web applications.
- Designed and implemented PHP and MySQL solutions as per project specifications.
- Collaborated with team members in the development of database structuring.
- Responsible of implementing and hosting web application on web server.
- Tested and analyzed application development projects includes development, review code and unit testing.
- Developed back-end functionality for game, chat and social applications for web and mobile devices.
- Integrated payment gateways for paypal, stripe, Braintree, FAC.
- Developed REST APIs integration with external hosted applications.

Environment:

PHP, C++, HTML, MySQL, Magento, CMS, WordpressSKILLS

Database (4 years), HTML5 (3 years), JavaScript (4 years), MySQL (4 years), PHP (4 years)

ADDITIONAL INFORMATION

TECHNICAL SKILLS:

Methodologies\ Web Servers\

Waterfall, Agile, Scrum and Iterative\ Apache Tomcat\
Operating System\ Programming Skills\
Windows XP to Windows 8.1, Windows \ PHP, CSS3, HTML5, JavaScript, jQuery, \
Server 2003 to 2012, Ubuntu\ Bootstrap, AngularJs, NodeJs, C, C++\
Microsoft Office\ Database\
Advance word, excel, PowerPoint, MS \ MySQL, MSSQL, MongoDB\
Access, MS Visio\
Development Tools\ UML\
Eclipse, XAMPP, LAMP, FileZilla, GIT, \ Use Cases, Activity, sequence diagrams, flow \
Notepad++, Visual Studio, Microsoft Office, \ Charts\
Microsoft Visio\