**Snehal Patel**

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**Senior** **Full Stack Developer**

**PROFESSIONAL SUMMARY:**

* An expert in Web Application Development, Design, and Object-Oriented Programming.
* Participated in SDLC for implementation, designing, development, testing and deployment using methodologies like Waterfall, Agile, and Scrum.
* Extensive experience in developing web pages using **HTML/HTML5, XML, DHTML CSS/CSS3, SASS, LESS, JavaScript,** **TypeScript**, **Redux, Flex, Angular, JQuery, JSON, Node.js, Ajax, JQUERY Bootstrap**.
* Experience with **IAM** requirements for cloud - based services, including strategies, trust models, and open standards, encryption, etc. used to improve **manageability, access governance, provisioning, information security, and privacy**.
* Experience with hands-on application development in Python, PHP and other technologies including HTML, CSS, JavaScript.
* Experience in AWS platform and its features including **IAM, EC2, EBS, VPC, RDS, Cloud Watch, Cloud Trail, Cloud Formation, AWS Configuration, Autoscaling. CloudFront, S3, SQS, SNS, Lambda**.
* Implemented a **'server less'** architecture using **API Gateway, Lambda, and DynamoDB** and deployed **AWS Lambda code** from Amazon S3 buckets. Created a Lambda Deployment function, and configured it to receive events from your S3 bucket.
* **Infrastructure as Code (IaC)**  used to bring automation to the provisioning process, which was traditionally done manually. Rather than relying on manually performed steps, both administrators and developers can instantiate infrastructure using configuration files.
* Worked on **MEAN/MERN** stack for developing applications.
* Strong Core OOPs skills with experience in building and tier applications.
* Extensive experience in Front-end Application developing using **HTML5**, **CSS3**, **JavaScript**, jQuery, AJAX for building vibrant UI friendly, high-performance web applications.
* Extensive knowledge on Angular and its features like Placeholders, form controls, creating the static Injector, individual routes, improvements on HTTPS, and router life cycle events, etc.
* Proficient in conceptual development of Web-based Projects, including Project Strategy, Functionality, Information Architecture, Navigation Systems.
* Proficient in writing and executing test cases using Junit and used Jenkins for continuous integration and continuous deployment.
* Experience in developing and deploying Microservices using **NodeJs**.
* Experience in deploying the Microservices using Docker container and ability to setup continuous integration and deployment pipeline using Jenkins with GitHub on **AWS** or any Cloud Service.
* Performed configuration, deployment and support of cloud services including Amazon Web Services (AWS), Microsoft Azure.
* Working experience of **Relational DBMS like MySQL, Oracle SQL, PL/SQL, SQL Server, DB2, and NoSQL DBMS like MongoDB**.
* Strong experience with MongoDB development (reports, schema design, map reduce functions) and migrations from SQL relational databases to NoSQL databases like MongoDB.
* Experience using **GIT, GitLab, Bitbucket as version control tools for source code management and used MAVEN and ANT** as a build tool.
* Good Experience in Bug tracking tools like **JIRA, HP Quality Center and Bugzilla.**
* Used **Mocha, Jasmine, Karma, Chai** tools and frameworks for **JavaScript** testing to implement Test Driven Development.
* Expertise in developing, deploying, porting and debugging application for **Android & IOS mobile** development and also in web / software development
* Experience in Hibernate which includes integrating legacy databases, writing custom CRUD statements, integrating stored procedures and functions, and performing polymorphic associations.
* Experience in designing React Native components and higher order components. Worked on React Native to get access to the corresponding native APIs. Worked on React Native to develop a single page application.
* Test Driven Programmer with thorough knowledge in Unit testing with JUnit, Mockito and using Postman for Web Service testing, performance testing with JMeter and automated testing with Test Driven Development (TDD) in Extreme Programming model.
* Deployed application updates to AWS and monitored the load balancing of different instances.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Technologies** | HTML5, CSS3, TypeScript, JavaScript, jQuery, PHP, NodeJs, Bootstrap, AJAX, Responsive Web Pages |
| **JavaScript Technologies** | NodeJs, Angular 4 versions, React, Vue |
| **Database** | MySQL, Mongo |
| **Web Services** | RESTful, SOAP |
| **Testing frameworks** | Postman, Swagger |
| **Repositories** | GitLab, GitHub |
| **IDE Tools** | Eclipse, Visual Studio |
| **Methodologies** | Agile, Waterfall, SDLC, scrum |

**WORK EXPERIENCE:**

**Health First, NY (Remote)**  **01/2022 to Till Date**

**Sr. Full Stack Developer**

**Responsibilities:**

* Designed Responsive Web pages using media queries and Twitter Bootstrap.
* Working with ECMAScript 6 features. For the build of JSX and ES2015(ES6) Babel used webpack.
* Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB.
* Worked with Express.js for development of RESTful web services and middleware configurations.
* Worked with password and JSON web tokens for authentication and authorization security configurations using **NodeJs**.
* Worked with npm commands and using package.json for managing dependencies and dev-dependencies of **NodeJs** applications.
* Implemented a **'server less'** architecture using **API Gateway, Lambda, and DynamoDB** and deployed **AWS Lambda code** from Amazon S3 buckets. Created a Lambda Deployment function, and configured it to receive events from your S3 bucket.
* Implemented load-balancing with Nginx to allow Node JS instances to handle 5000+ concurrent users.
* Design, develop and test HTML5, CSS3, Bootstrap, **TypeScript**, jQuery and Angular that meets accessibility and web browser standards for websites.
* 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 Angular11 and Angular 12 for SPA development.
* Worked on integrating the backend services with UI developed in Angular.
* Performed the System Testing, Regression Testing for Complete UI after fixing the Issues which are reported by the Testing Team.
* Deployed application updated on AWS and monitored the load balancing of different instances.

**Environment: *Node****,* ***AWS (Lambda, DynamoDB, SNS, SQS, Step Functions, CDK, SDK)****, HTML, CSS, JavaScript,* ***TypeScript****,* ***Angular 12&13****, Postman, GitHub, Microservices, REST API, JSON.*

**Atlassian, San Francisco, CA**  **01/2021 to 12/2021**

**Sr. Full Stack Developer**

**Responsibilities:**

* As a Senior Developer, I am responsible for development, support, maintenance and implementation of a complex project module.
* Design, develop and test **HTML5, CSS3, Bootstrap, TypeScript and Angular** that meets accessibility and web browser standards for websites.
* 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.
* Implemented microservices using **Node** and **AWS Lambda**.
* Developed user interface by using TypeScript**,** Angular**11** for SPA development.
* Worked on integrating the backend services with UI developed in Angular.
* Maintained states in the stores and dispatched the actions using redux.
* Extensively used **Forms, Events, Keys, State, Props, Flux, and Web pack**.
* Used Grunt for build tool for configuring tasks, Karma, Jasmine for Unit Testing
* 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 Firebug and IE Dev tools to investigate the issues and fix the bugs.
* Monitoring the offshore work and providing technical help to the offshore team for their JIRA tickets.
* Interacted with the Testing Team, Scrum Masters and Business Analysts for fixing of Issues.
* Performed the System Testing, Regression Testing for Complete UI after fixing the Issues which are reported by the Testing Team.

**Environment: *Node****,* ***AWS(S3, Lamda Functions)****, HTML, CSS,* ***TypeScript****,* ***Angular 11&12****, Postman, GitHub, Microservices, REST API, JSON.*

**Swiss Log, Westminster, CO 12/2019 to 12/2020**

**Full-Stack Developer**

**Responsibilities:**

* Design to develop an application using **HTML5, CSS3, Bootstrap, jQuery, Angular, Node JS**.
* Developed user interface by using the Angular for SPA development
* Used Node for developing micro services.
* Implemented backend using **lambda** based micro services to consume data from multiple enterprise applications using **SNS** and **SQS** and store the data in **DynamoDB**.
* Worked with the backend team in enhancing Micro Services and Web Services using Python.
* Designed REST APIs supporting JSON that allow sophisticated, effective and low-cost application integration.
* Worked in using **Angular components, Forms, Events, Keys, Router, Animations and Flux concept.** Created **Angular components using JSX, followed FLUX design pattern** for unidirectional data flow.
* Worked with Angular test utils for unit tests for the application.
* Extensively used Git for version controlling and regularly pushed the code to GitHub.
* Maven is to Build, tool configuring for automation of building process for all types of environments- Test, QA and Production.
* Used **Angular** for building Single Page mobile applications (SPA) for **IOS** and **Android** platforms
* Involved in various stages of application development through requirement analysis, development, testing and deployment.
* Developed the various screens and its architecture in accordance to UI Specs.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using **DHTML, HTML, CSS, JavaScript and jQuery.**
* Working on all the latest technologies like **HTML5, CSS3,** etc. Tackled various issues related browser compatibility to accommodate these advanced and fast technologies.
* Utilized Adobe Fireworks, Adobe Photoshop, Adobe Dreamweaver and Illustrator for the front-end development such as web pages, graphics and multimedia.
* Used advanced level of HTML5, JavaScript, CSS3 and pure CSS layouts (table less layout).
* Participated in making Responsive Web Designs using Media Queries and Twitter Bootstrap.
* Implemented various screens for the front end using Angular and React.js and used various predefined components from NPM (Node Package Manager).
* Experience in writing and updating the technical documents on a daily basis with the changes made to the existing environment on a daily basis.
* Worked for backward compatibility to support browsers like IE6, IE7, and IE8.
* Developed Smooth scroll effect for page scroll with JQuery.
* Implementation of Restful APIs using **NodeJs.**
* Worked on AJAX controls like Update Panel to manage the post back of the web page to server, AJAX Script Manager and Script Manager Proxy controls to register JavaScript and web service files.
* Worked on performance tuning for JavaScript, to load pages quickly.
* Using tools like GIT for version controlling chrome developer tools for Debugging and Jenkins for deploying the code to different environments.
* Developed test scripts for service calls and rendered data through XML files.
* Worked closely with cross-functional teams (QA, BA, PM, Product Owner) as a part of AGILE environment.
* Participated in agile sprint planning, sprint review, sprint retrospective, daily scrum meetings to deliver quality code.

**Environment: *NodeJs, AWS (S3, SNS, SQS, DynamoDB, Lambda)*** *, HTML, CSS, JavaScript,* ***Angular 11****, windows, AJAX, Responsive web design.*

**XPO Logistics, Austin, TX 05/2017 to 12/2019**

**UI Developer**

**Responsibilities:**

* Responsible for developing sub-modules in UI development using Angular, HTML, CSS, JavaScript technologies and worked with cross-browser issues.
* Used Angular Observables to create custom components for data manipulations and to display data in company standard format.
* Implemented the front-end application with Angular and used Angular Class component as state class for general stateful management.
* Worked on Redux with Angular to handle large chunks of data for better performance.
* Used Angular components which accept arbitrary inputs which further returns the angular elements as output. Implemented stable Angular components and stand-alone functions to be added to any future pages.
* Worked in using Angular components, Forms, Events, Keys, Router, Animations and Flux concept. Created Angular components using JSX, followed FLUX design pattern for unidirectional data flow.
* Used React-Router to turn an application into a Single Page Application.
* Used JQuery to traverse through a DOM tree and manipulated the nodes in the tree. Implemented the Drag and Drop functionality using JQuery framework.
* Handled client-side validation using JavaScript and JQuery.
* Worked with React test utils for unit tests for the application.
* Extensively used Git for version controlling and regularly pushed the code to GitHub.
* Maven is to Build, tool configuring for automation of building process for all types of environments- Test, QA and Production.
* Involved in various stages of application development through requirement analysis, development, testing and deployment.
* Developed the various screens and its architecture in accordance to UI Specs.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using DHTML, HTML, CSS, JavaScript and jQuery.
* Expertise in designing and developing stable Angular components and stand-alone functions to be added to any future pages.
* Used Postman to test the RESTful API for HTTP requests such as GET, POST, and PUT.
* Worked with version control tools like Bitbucket and ticket tracking platforms like JIRA. Installed and configured Bitbucket and communicating with the repositories in Bitbucket.
* Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the system.

**Environment:** *HTML, CSS, JavaScript,* ***Angular****, Bitbucket,* ***Node JS****, REST API, React, Jira, windows, AJAX, Responsive web design.*

**Innctech Solutions, India 08/2014 to 04/2017**

**Web Developer**

**Responsibilities:**

* Involved in the SDLC with Sprint planning sessions, participated in Agile Scrum, and coordinated with the Business Analysts and end users of the system.
* Developed Graphical User Interfaces using HTML and JSP for user interaction. Created dynamic pages using **HTML5, CSS3, and JavaScript framework like Angular** for client-side validation.
* Used various Core PHP concepts such as Multi-Threading, Exception Handling, Collection APIs, Garbage collections for dynamic memory allocation to implement various features and enhancements.
* Hands-on experiences with PHP, Concurrency, File Handling I/O, Generics, Data Structures and Collections and Garbage Collection.
* Used PHP Fundamentals and OOPS concepts like inheritance, polymorphism, abstraction to develop the code.
* Created connections to the database.
* Worked on UI for Layered Security and S&L modules and hands on experience with Spark streaming to receive real time data using RabbitMQ.
* Used a **micro service architecture, with Spring Boot-based services interacting through a combination of REST and RabbitMQ** message brokers and leveraging AWS to build, test and deploy Identity micro services.
* Making reproducible framework situations for the **microservices**engineering. Created a Request for Proposal (RFP) microserviceproviding RESTful API using Spring MVC and Spring Boot.
* Developed Rest API to process the data from DB to another Rest Service. Wrote REST APIs in PHP Slim to support **internalization**, and apps to help our buyer team visualize and set portfolio performance targets.
* Designed and implemented Rest APIs to establish connections with various vendor websites. Developed micro services architecture using Rest APIs, PHP Slim Framework.
* Used Angular HTTP services for asynchronous validations for the input fields of the forms with the data existed in the database.
* Used Subversion for maintaining the component and for release and version management. And JIRA for defect tracking.

**Environment:** *HTML5, DHTML, DOM, CSS3, SCSS, SASS, Bootstrap, JavaScript, ES6, TypeScript, jQuery, AJAX, Responsive Web Design,* ***Angular2****, XML, JSON, Node.js.*

**Netlink, India 08/2011 to 08/2014**

**Web Developer**

**Responsibilities:**

* Involved in understanding the current business process, defining scope of the project along with position statements.
* Responsible for gathering requirements, designing, developing and testing of applications.
* Developed web pages using PHP, HTML, CSS, JavaScript, JQuery and AJAX for client-side validations.
* Created various forms, image galleries and another interface with PHP.
* Created HTML navigation menu that is role-based menu items changes dynamically, derived from the database in the form of XML.
* Implemented CSS and JavaScript based navigation system visually identical to previous table-based system to improve ease of maintenance and organic search engine placement.
* Developed web pages layouts using CSS mechanism to include different box model, colors, layout, width, height, font size, Image size to the web pages.
* Extended Bootstrap classes to build custom front-end controls; example candidate isotopes. Worked extensively on web 2.0 migration from conventional web Framework to AJAX driven framework.
* Used SQL queries in PHP scripts to access customer information and modify their accounts and set up basic relational databases to hold account information.
* Developed stored procedures, triggers, functions and tables in MySQL database.
* Used the Mozilla Firefox extension, Firebug to view and debug HTML, DOM and JavaScript.
* Participated actively in fixing the bugs reported in Test, UAT and Production environments.
* Created GitHub repository for code collaboration and worked on JIRA issue management to track Sprint Cycles.

**Environment:***HTML5, DHTML, DOM, CSS3, SCSS, SASS, Bootstrap, JavaScript, ES6, TypeScript, jQuery, AJAX, Responsive Web Design,* ***AngularJs****, XML, JSON,* ***Node.js.***

**Educational details:**

***Bachelors in Computer Science/ Sardar Patel University/ 2010***