

Indra Thapa

Backend Developer

Summary:

A software developer with over five years of experience specializing in frontend and backend engineering. Fluent in development languages, HTML, CSS, JavaScript, TypeScript, PHP, Java, Python along with development frameworks, Springboot, Angular, Vue JS, React, Node JS

- Expertise in developing Backend (maintain mechanism that process data and performs actions on websites) using Java, J2EE, JDK, JDBC, JSP, Hibernate, Servlets, Struts, Java Beans, AJAX.
- Great knowledge in developing User Interface (UI) Applications and professional Web Applications using Web Standards, HTML/HTML5, XHTML, CSS/CSS3, JavaScript, Bootstrap, AngularJS, React JS, Redux, Flex, Knockout.js Angular2/4/6/7/8/11/13, RxJS, NgRx, DOM, jQuery, JSON, Ajax, Node.JS.
- Sound Understanding and good experience in developing single page Applications (SPA) i.e., web applications using JavaScript MVC frameworks such as Angular JS, Node JS.
- Proficient in using higher-level style syntaxes, LESS and SASS for advanced CSS features.
- Solid experience with Responsive Web Design (RWD) using Bootstrap.
- Profound knowledge in working with Document Object Model (DOM) and DOM functions.
- Proficient in making AJAX calls using jQuery and usage of JSON for faster and impulsive responses.
- Worked on writing Grunt tasks for build scripts, minified and bundled the JavaScript code.
- Expertise in React JS framework to develop the SPA.
- 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.
- Expertise in creating User Controls, Web Forms and client-side validations using JavaScript.
- Experience in developing Restful services using Node.JS
- Experience in creating test suites using jasmine and worked on tools like NPM (node package manager), Bower, Grunt.
- Expertise on working functional testing using karma task runners using Mocha and Chai and end-to-end test cases with Protractor.
- Collaborating and working closely with the back-end team to ensure seamless and flawless integration.
- Extensively used SASS for RWD to apply different styles to the layouts for varying screen sizes and pixels.
- Held Responsible for checking cross browser compatibility and hence worked on different browsers like Safari, Internet Explorer, Mozilla Firefox and Google chrome.
- Experience in using various tools and IDEs for development and design like WebStorm, VS Code, Sublime Text, Brackets, Eclipse and NetBeans.

Development Skills:

Web Technologies	Angular, Vue, React, HTML, CSS/SCSS, Typescript, SOAP/ REST, EXPRESS,
Java Technologies	Java, J2EE, JDK, JDBC, JSP, Hibernate, Servlets, Struts, Java Beans, AJAX.
Languages	PHP, Python, Java, JS, TS, R, Swift, Node Js
Web Servers	Tomcat, Apache, Nginx
Cloud Infrastructures	AWS, Google Cloud, Firebase, Vultr
Database	MySQL, Oracle, MongoDB, CouchDB
Libraries	JQuery, Mapbox, Leaflet, Google APIs, OAuth, Socket, Bulma, Bootstrap
Version Control	GitHub, Bitbucket, SVN
Design Tools	Photoshop, Illustrator, Adobe XD, Figma, Sketch, Blender
Project Management	JIRA, Kanban

Citizen bank - Ada, OK

Frontend Developer

Jan 2020 – Jan 2021

Responsibilities:

- Developing User Interface (UI) Application and professional Web Application using Web Standards,
- HTML/HTML5, CSS/CSS3, JavaScript, Bootstrap, Angular 11 DOM, JSON and Node.JS.
- Working on Angular 8/10/11/13 for developing Dynamic Single Page Application.
- Creating higher-level styles using LESS, SASS and SCSS for advanced CSS features with Figma.
- Creating Angular 11 components and custom directives for application functionality and pipes for Heavy DOM manipulation.

- Creating Responsive Web Design (RWD) using Angular 11, Figma and IBM carbon.
- Following TDD methodology and implemented test cases using JEST and achieved very good code coverage.
- Used libraries such as Angular 8/10/11/13, Bootstrap, for building public facing and in-house authentication and security applications.
- RESTFUL API Design with NodeJS, ExpressJS and MongoDB to be consumed by front-end applications, and sending HTTP request to other APIs built by other eBay teams, to be consumed by front-end applications.
- Writing unit test on the server side, using MochaJS with Chai and Chai HTTP, as the test assertions, to test endpoints, modules/functions written across the API, to ensure application meets business requirements, and test cases.
- Prepared API documentation, using API docs, to ensure other development team(s), are knowledgeable about the how to consume them.
- Involved in designing UI and developing the UI based on wireframes and high-fidelity designs.
- UI/UX Design and development using SCSS, HTML and vanilla JS.
- Building secure frontend application using Angular Auth services, security classes and routing Guards.
- Validating and sanitizing form data in the UI and testing for the vulnerability to make the application more secure.
- Developing micro-services in Lambda service and connecting them to API gateway for frontend consumption.
- Implemented Java and J2EE Design patterns like Business Delegate and Data Transfer Object (DTO), Data Access Object and Service Locator.
- Integrating single page apps and services into monolithic applications built using Java and PHP.
- Help out team and give necessary trainings in order to efficiently solve design and development challenges.
- Review Git pull requests of team members and assist in resolving conflicts.
- Experience in Continuous Integration and Continuous Deployment (CI/CD) tools like Jenkins to de- ploy Client-side and Web application onto EC2 instances.
- Deploy manage and operate scalable apps in AWS infrastructure.
- Liaise and support clients on issues on client-side applications.
- Development of 3d map services generating custom GIS data, vector tiles and GeoJSON data

Environment: Angular 8/10/11/13, React, Node.js, DOM, React-Native, Redux, Flux, Jest, Vue js, Bootstrap Adobe Figma, HTML5, CSS5, SCSS, Vanilla JS(ES6), JavaScript, Less, SASS, AWS, API, Jenkins.

Jan 2018 – Dec 2019

Backend Developer

Responsibilities:

- Involved in analysis and design phases of Software Development Life Cycle (SDLC/Waterfall).
- Research and Development of web apps using frameworks such as Angular 2/4/6/8, Vue and React.
- Developing micro-services in Lambda service and connecting them to API gateway for frontend consumption.
- Used JUnit for testing and checking API performance. Used Object Relational Mapping Tool Hibernate for the interaction with the database.
- Designed and developed RESTFUL web services using Spring Boot and Jersey framework.
- Worked on MVC architecture systems with application development using Core Java, J2EE, Struts, Spring, Hibernate, JSP, Servlets, XML, Maven, JUNIT, and JDBC.
- Integrating single page apps and services into monolithic applications built using Java and PHP.
- UI/UX Design and development using SCSS, HTML and Vanilla JS (ES 7).
- Help out team and give necessary trainings in order to efficiently solve design and development challenges.
- Review Git pull requests of team members and assist in resolving conflicts.
- Deploy manage and operate scalable apps in AWS infrastructure.
- Developed SOAP based Web Services for Integrating with the Enterprise Information System Tier.
- Development of 3d map services generating custom GIS data, vector tiles and GeoJSON data.

Environment: Angular 2/4/6/8, Typescript, d3.js, React Js, React-Native, Redux, Flux, Jest, Vue js, Bootstrap, Figma, Adobe Illustrator, Sketch, WordPress CMS, SQL server 2012, Java8, HTML5, CSS3, Restful Web Services, Node js, Material-Design/Material Design 2, Material-ui, Webpack3, Web API, JSON, Jasmine, Karma.

Mount view, NP

Aug 2015 - Jan 2017

Full Stack Java Developer/ UI Designer

Responsibilities:

- Backend development using Java, J2EE, JDK, JDBC, JSP, Hibernate, Servlets, Struts, Java Beans, AJAX.
- Involved in designing the user experience interface UI/UX strategy, UI requirements, converting business requirements into UI designs.
- Used Components in both React JS and Knockout.JS.

- 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.
- Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
- Worked on consuming RESTful Services using JavaScript, jQuery and React JS and Knockout.js.
- Design prototype using prototyping tools such as Adobe XD, Figma, Invision, Sketch.
- Design artworks necessary for websites and prints using Illustrator, Photoshop etc.
- Integration of analytics tools such as Google Analytics
- Integration of mail services such as MailChimp and design emails for marketing.
- Design and development of CMS themes for WordPress and Drupal.

Environment: HTML/HTML5, CSS/CSS3, SASS/SCSS, JavaScript, jQuery, Angular, React, Bootstrap, ES6, Usability Testing, Agile methodology, Ubuntu, VIM IDE, GIT, Karma, Jasmine, Java, J2ee, JSP, JSTL, Struts, Servlets, Web Logic, Java Beans, JDBC, HTML, AJAX, Angular js, jQuery, XML, DOM, SOAP, MySQL, spring, JSP, Windows