

Alok Kumar Singh

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Career Aspiration:

To be associated with a dynamic organization that gives me ample opportunity to apply my skills to excel in my work field.

Professional Background:

- A competent professional with 7.2 years of experience in Web Development.
- An effective communicator with good Interpersonal, convincing power, analytical, hardworking, goal setter and problem solving skills
- Extensive **Front-End** (React/Angular/Vue/WebComponent) responsive web development using backend **Node.JS/Python** programming experience on multiple web / mobile applications.
- Hands on experience in Restful Web Service/Micro services using **Rails/Node Js** architecture and Handling of **JSON** data format.
- Hands on practice Restful web services/Micro services using **Python Django**
- Involved in all phases of Software Development Life Cycle (SDLC) such as requirements gathering, design, development, testing, implementation and deployment.
- Successful in design, implementation, testing and delivered various solutions.
- Experience in working with multiple application/web servers like **Nodejs/Puma/Nginx**
- Good experience in data structure and algorithms.
- Good Experience in working with **Agile methodology** and DevOps Model.
- Experience in building Consulting(Infiniti Research),Enterprise Software(Intuit), Networking Software(CISCO), E-Commerce(for flipkart),Banking(UOB) and Telecommunication (Vodafone) Domain.

Professional Skill:

- **Programing Language:** JavaScript, Python, Ruby, SQL
- **FrontEnd Framework and Library:** ReactJs, TypeScript, Angular/Angularjs, VueJS, JQuery, Stencil, Redux, Redux-Saga, Redux-thunk, React-Route, Rich-Route , Rematch, Fomik, Bootstrap, MaterialUI, styled-component, normalizr, Vuex, RXJS, NGRX, Vuetify, NextJS, NuxtJS, SASS
- **BackEnd Framework:** NodeJS, ExpressJS, NestJS, Loopback, Rails, Django
- **Web Technology:** HTML5 , CSS3, JSON, WebComponent

- **Version Control:** Git, Github, Gitlab, Bitbucket, SVN
- **DataBase:** MySQL, MongoDB, PostgreSQL, Redis,
- **Tools:** Windows, MacOS, Ubuntu , VSCode, Sublime, Atom ,
- **Server:** Puma, Nginx, Apache

Work Experience:

- Working as a Software Engineer in **UOB (Optimum Solution)**, Singapore from June 2019 to now.
- Worked as a Senior Software Engineer in Flipkart(Teksystems),Bangalore, from July 2018 - May 2019.
- Worked as a Senior Software Engineer in Societe Generale(Teksystems), Bangalore, from November 2017 - June 2018.
- Worked as a Senior Software Engineer in Cisco India (Servion Global Solutions) from April 2016–Aug 2017.
- Worked as a Software Engineer in Intuit India(Technosoft) from 22 Oct 2014– 30 March 2016.
- Worked as a Software Engineer with Infinity Research since 21 Jan 2013 – 21 Oct 2014

Education:

- **B. Tech(CSE)** from Guru Gobind Singh Indraprastha University.
- **Sr. Secondary (XII)** from Uttar Pradesh Board.

Professional Experience:

Project #1(UOB)

Tools: MacOS, VSCODE, BitBucket,Jira.

Web Servers: Apache Tomcat, Node-Server

Library: React.Js, React-Hooks , MaterialUI, Intl, Redux, Rematch, Reselector , Axios.Js , Webpack, ESLint, Formik, AG-grid , JEST, testing-library, Lodash, Promise

Description: Banking financial project for bank corporate customers which used to help the customer to do banking tasks.

Roles and Responsibilities:

- Understanding the business requirement through BA/TBA and starting development of a particular story based on Agile (Scrum) Methodology.
- Involved in various phases of Software Development Life Cycle (SDLC) such as design, development, testing, implementation and deployment.
- Designed, developed and executed JS UNIT test cases for every component.
- Involved in preparing TDD documents of individual components.
- Maintaining Code Quality by using Sonar and Code Review.
- Responsible for Continuous Integration and Deployment.
- Responsible for managing shared repository using subversion (GIT).
- Responsible for CI/CD and Jenkins build activities.

Project #2(Seller dashboard)

Client: Flipkart

Tools: ReactJS, ReSelector, Redux, lodash, NodeJS/Express, MongoDB, GIT, githubs, Styles-components, thunk, Agile, MacOS,

Duration: Jun-2018 to May-2019

Description: Seller dashboard(flipkart dashboard) is a portal for sellers of flipkart, seller update or upload new product to flipkart dashboard to sell in the market. I am owning one vertical called fintech that provides the portal for loan to seller, seller needs to apply and request submitted to corresponding bank.

Roles and Responsibilities:

- Understanding the business requirement and divide tasks as a user stories and implement the task using Agile (Scrum) Methodology.
- Involved in various phases of Software Development Life Cycle (SDLC) such as requirement gathering, design, development, testing, implementation and deployment.
- Written Database script for new requirement.
- used Docker compose to run all containers as docker images.
- Responsible for writing JS-test cases using Jest and enzyme for React component and REST services.
- Involved in writing test cases for sanity and preparing documents for test results.
- Maintaining Code Quality by using Sonar, J-Unit and Code Review.
- Responsible for Continuous Integration and Deployment.
- Responsible for creating technical documents for every new feature development and related stuff.

Project #3 (Vizir)

Client: Societe Generale

Tools: Linux, Windows 8, ReactJS, Node/Loopback, PostgresQL, Bootstrap, Agile, Docker.

Duration: November 2017 - June 2018.

Description: It is data visualization tools for SC clients. Python script runs every day and reads data from XML, TXT file based on rules and dump the data into postgres database . API created in a loopback to serve a client (ReactJS). Admin also configure the jobs and portal(what to show client)

Roles and Responsibilities:

- Understanding the business requirement through FSD and starting development of particular components using Agile (Scrum) Methodology.
- Involved in various phases of Software Development Life Cycle (SDLC) such as design, development, testing, implementation and deployment.
- Designed User Interface using Handlebars JS framework with JQuery SCSS, OOPs JavaScript, ES6, and Node JS Grunt.
- Using automation and package management tools like NPM, Gulp, Web-pack, Grunt.
- Using Babel to compile ES6 to ES5 with automation.
- Create components using ReactJS and Nodejs with API integration and use life cycle.
- Designed and Developed through AEM rendering JSON to front-end and JSON is being parsed through Handlebars template.
- Produce and Consume Restful web services since many components are AJAX Based.

Project #4 Apollo(EngOps, Tool Catalogs, Beta Tool , Nohold)

Client: Cisco India

Tools: Angular 1/2, React, NodeJs/Express, Ruby on Rails, MongoDB, MySql, Docker, Kubernetes, Git.

Description: **Nohold** is a tool that analyses blogs and refactor and replaces external links, this blog holds the details about Cisco products .Build using NodeJS, ReactJS and MongoDB.

EngOps is a tool that is used by an engineer manager to see progress of product and data pull the data from github. Build using NodeJS , MySql and Angular.

Tool Catalogs is tool to monitor the cisco internal side performance .Build Using Ruby On Rails and Reactjs

Roles and Responsibilities:

- Understanding the business requirement through managers/SME and start development of particular components using Agile (Scrum) Methodology.
- Involved in various phases of Software Development Life Cycle (SDLC) such as design, development, testing, implementation and deployment.
- Designed User Interface using Angular 1x/ 2x, React, framework with SCSS, OOPs JavaScript, ES6, and Node JS Grunt.
- Using automation and package management tools like NPM, Gulp, Web-pack, Grunt.
- Produce and Consume Restful web services since many components are AJAX Based.
- Designed, developed and executed JSUNIT test cases for every component.
- Involved in preparing TDD documents of individual components.
- Maintaining Code Quality by using Sonar and Code Review.
- Responsible for Continuous Integration and Deployment.

Project #5 MarketPlace(VAS Project)

Client: Vodafone

Tools: Angular, NodeJS/Express, MongoDB, PM2, NGINX, Linux.

Description: MarketPlace is a platform that provides content about business , job for different data for different client apps like web ,smartphone and USSD. Client App build for data owner using Reactjs and Platform build using Nodejs and mongoDb.

Project #6 Paas(Patching As A Service)

Client: Intuit India

Tools: Ruby on Rails, NodeJS, Redis, RedisMQ, NodeJS, MySql, JRuby, Angular, Bootstrap, MacOS.

Description: It's a tool that controls the VM configuration using HP tools. All engineers can update or get updates of VM by using these tools. This tool build by using NodeJS, Mysql and AngularJS

Project #7 BusinessVibes

Client: Infiniti Research India

Tools: Ruby on Rails, JQuery, Bootstrap

Declaration:

I hereby affirm that the above given information is true to the best of my knowledge. If given an opportunity in your esteemed concern. I will discharge the best of my duties and to your utmost satisfaction.