**Sathya**

**Senior UI Developer**

**Current Location:** Raleigh, NC



**PROFESSIONAL SUMMARY:**

* **11+ years** of professional experience in developing web applications and interactive software products using **HTML5, CSS3, JavaScript, jQuery, Angular JS, Angular 8, React JS, Responsive, Java, web design using bootstrap and media queries**
* Extensive experience in software development life cycle including requirements gathering, analysis, designing, coding, testing, integration, deployment, and documentation
* Worked on managing and supporting Continuous Integration (CI) and Continuous Deployment (CD) processes using Jenkins
* Worked on projects in Agile Environment with sprint phases
* Developed web applications using Spring MVC and Spring Boot involving microservices architect.
* Proficient in designing, developing, and deploying robust applications using Java, Spring Boot, and cloud-native technologies. Adept at implementing microservices best practices such as containerization, orchestration, and API design.
* Integrated S3 services provided by Amazon as a storage unit for larger files in our web applications.
* Server-side design and development using Java, Rest API’s and Active MQ.
* Experienced in creating React JS reusable components along with sliders, charts, grids and handling events and DOM objects
* Hands on experience in writing light weight Node.js express server, and using technologies like Ajax, Object Oriented (OO) JavaScript, JavaScript/jQuery, JSON, XML to make connections between server and databases like MongoDB and MySQL
* Experienced with testing framework such as Selenium for e2e testing. Jasmine, protractor for angular based application, JEST for React based application
* Created dynamic web pages using AngularJS framework. Worked on two-way, one-way data binding, built-in components and developed single page applications using both Angular JS and React JS
* Experience in developing single page applications using Angular 6/8, React/Redux architecture, web pack
* Experienced in working with MVC Architecture and version control systems like GIT, Bitbucket and used Source code management client tools like GIT Bash, GitHub and SVN
* Designed Frontend within object-oriented JavaScript Framework like bootstrap, Backnone.js,
* Require.js, Node.js, Express.js, Angular.js and Ext.js, Web2.0, W3C standards
* Developed scripts for build, deployment, maintenance, and related tasks using Jenkins, Maven and Bash
* Strong experience in CSS3 pre-processors styling such as SASS and LESS

**TECHNOLOGIES:**

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| --- | --- |
| **Web Technologies** | HTML 4.01/5, CSS2/CSS3, SASS, SCSS, JavaScript ES6, jQuery, TypeScript, AJAX, JSON, Bootstrap, XML, JSON, Apache, Java |
| **Languages** | C, Java. |
| **Frameworks** | Angular JS, Angular 8, React JS, Redux, flux, Bootstrap, Node JS, Rest API, Spring MVC, Spring Boot, Junit, Hibernate |
| **Prototyping Design** | Azure, Photoshop, Illustrator, Dreamweaver, Adobe Fireworks |
| **IDE & Tools** | Visual studio code, Sublime Text, Eclipse, Web Storm, STS, Soap UI, XML schema, Postman rest client, Kibana, CI/CD ,Jenkins, Swagger |
| **Debugging tools** | Firebug, Bugzilla |
| **Database** | MS SQL Server 2000/2005, MYSQL, MongoDB |
| **Build Tools** | Maven 3.x, Jenkins, Docker |
| **Management tools** | SVN, GitHub, JIRA |
| **Operating Systems** | Windows 2000/XP/Vista/7/8, Linux, Mac OS X |
| **Methodologies** | Agile, Sprint, waterfall |

**PROFESSIONAL EXPERIENCE:**

**Client: 7-11 -Dallas, TX Aug 2020- Till Date**

**Role: Senior UI Developer**

**Description:**  7-Eleven Inc. is an American international chain of convenience stores. Scope of this project is to create a new application named 7 data assure which gives an ability for the end users to view, delete and opt out their personal details available with 7-Eleven.

**Environment:** React JS, Redux, JavaScript ES6, GIT, Jira, Microsoft Azure, Java

**Responsibilities:**

* Designed and developed customer facing login forms and internal dashboard pages using react Js.
* Implemented Microsoft single sign on to login into the application.
* Involved in using **React JS components,** Forms, Events, Keys, Router, Animations and Redux concept
* Implemented **node js** server in the UI to avoid CORs issue.
* Worked on responsive design and developed a single ISOMORPHIC website that could be served to desktop, Tablets and mobile users.
* Implemented Microsoft authentication for all the API calls to the backend.
* Utilized microservices architecture to refactor monolithic applications, improving code maintainability and scalability.
* Developed a custom data table using react with functionalities like sorting, pagination, filters and search.
* Worked closely with backend team to fetch and display data using AJAX calls.

**Client: BNSF Railways -Topeka, KS Feb 2017 – July 2020**

**Role: Senior UI Developer**

**Description:**  BNSF is a Class I railroad in US with over 32,000 miles of Freight rail network spanning over 28 states. Scope of this project is to maintain Revenue Accounting System (RAS) of BNSF which in turn would aid BNSF to maintain its accounts on payables and receivables with ease. This project “Revenue Control” as part of revenue modernization application is migrated from mainframe to the web-based revenue system which is responsible for rule engine development and revenue attribute calculation.  **Environment:** Angular 8, react JS, NgRX, Redux, Spring Boot, JavaScript ES6, Jasmine, Kibana, Karma, GIT

**Responsibilities:**

* Worked on presentation layer, developed dynamic UI modules using JavaScript, TypeScript, React JS, Angular 8 pages along with jQuery
* Managed **onsite and offshore teams** and coordinate project deliverables.
* Developed application-level code to interact with backend (Java) code using service layer calls, AEM servlet calls, AJAX and JSON via web services, Mule and APIs
* Asynchronous HTTP requests like data fetching is implemented in the application using redux
* Used postman to test web services and RxJs for handling asynchronous data
* Expertise in using **Angular JS directives**, Controllers, Filters, Services, Templates, Events and Injectors
* Consumed **RESTful web services** using angular http client service to communicate with back-end data systems
* Implemented authentication and authorization mechanisms (OAuth2, JWT) to secure REST endpoints, enhancing application security
* Mentored junior developers on REST API design, coding standards, and best practices, improving team efficiency and code quality.
* Developed RESTful services using Spring Boot and Hibernate, optimizing API performance and reducing response times by 20%.
* Wrote unit test cases and test suite using **Jasmin and Karma unit testing frameworks**
* Created jobs in **Jenkins** and deployed the applications in different environments (**DEV/QA/UAT/PROD**)
* Worked in all areas of Jenkins setting up **CI/CD** for new branches, build automation, plugin management and securing Jenkins and setting up master/develop configurations
* Used **Kibana** platform for audit trail and logging
* Worked on web-based client-side system for modelling requirements / design
* Tested multiple versions of company software, taking into consideration unique browser platforms
* Worked **with QA team** to resolve the defects and **UAT defects** with the business users.

**Client: Darden Restaurants – Orlando, Florida Mar 2016 - Jan 2017**

**Role: Senior UI Developer**

**Description:** Darden Restaurants is an American multi-brand restaurant operator headquartered in

Orlando. This project is to implement online food ordering and delivery for all the restaurants within Darden. Develop a multi-lingual website, multi-brand, multi- national and multi-channel platform.

**Environment:** React JS, Bootstrap, Spring Boot, Tomcat

**Responsibilities:**

* Involved in the complete **SDLC (software development life Cycle)** of the application ensuring the UI standards across multiple devices, multiple OS with cross browser compatibilities
* Used front end web development tools **HTML5, CSS3, JavaScript, Bootstrap** and **React JS** to design UI
* Developed many REST services using spring boot .
* Worked on web maintenance requests consisting of changes, enhancements or adjustments to existing websites
* Used **node.js** server to build Web server using HTTP server since http server is supported by node.js
* Converted data from data base into JSON or XML format files and retrieve useful information using

AJAX calls to display them on the browser

* Used Web Services **(SOAP and REST)** for transmission of large blocks of **XML/JSON**
* Created jobs in **Jenkins** and deployed the applications in different environments (**DEV/QA/UAT/PROD**)
* Worked in all areas of Jenkins setting up **CI/CD** for new branches, build automation, plugin

management and securing Jenkins and setting up master/develop configurations

# Cognizant Technology Solutions

**Client:**  **Care First Member Portal – Bangalore, India** **Jan 2013 - Aug 2014**

**Role: Web Developer**  **Responsibilities:**

* Responsible for development of web pages from PSD mock-ups to final HTML5, CSS3 and Angular JS based prototypes
* Involved in creating front-end modules such as Customer, Search, Results and Catalogs.
* Created design documents when and as required, performed coding, debugging and testing.
* Build REST web service by building Node.js Server in the backend to handle requests sent from the front-end jQuery Ajax calls
* Designed website layout & UI/Visual design, prototyping, designing A/B tests, work with UX and engineers
* Used jQuery plugins for Drag-and-Drop, Widgets, Menus, User Interface, and Forms
* Worked in TDD (Test Driven Development), writing test cases using Junit, Jasmine test API and
* Karma for unit tests and Selenium Web driver, Protractor for E2E testing

# Cognizant Technology Solutions

**Client: Toyota AROR/AMS – Chennai, India June 2011 – Dec 2012**

**Role: Web Developer**

**Responsibilities:**

* Developed creative web page layouts, frameworks for challenging web applications while working with multiple teams
* Designed CSS based page layouts that are uniform in all screens throughout the application, cross browser compatible and standards complaint
* Mobile site prototyping using jQuery Mobile as a UI platform and supported the integration with CMS
* Implemented and custom designed google predictive search using SQL to retrieve data from server
* Extensively used validation controls for the frontend validations using HTML, CSS, and JavaScript
* Developed webpages using forms, components, layouts, validations, trees, and grid components

**Education:**

**Master of Science in Computer Science and Engineering - 2015.**

University of Missouri-Kansas City, MO. **GPA: 3.9/4.0**

**Relevant courses:** Advanced Software Engineering, Principles of Big Data, Web Technologies,Software Methods and Tools, Advanced Data Base Management System, Design and Analysis of Algorithms, Network Architecture 1

**Bachelor of Technology in Computer Science and Engineering - 2011**

Jawaharlal Nehru Technology University, India. **GPA: 3.9/4.0**