

Naga pavan Kumar Isnagarapu

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PROFESSIONAL SUMMARY:

- Over 7+ years of experience as **UI developer** in developing front end applications using **HTML5, CSS3, JavaScript, JSF, AJAX, JQuery, JSON, YUI, Bootstrap**, wireframes and **Angular 16/18+**, React JS, Node JS.
- Expertise in developing and updating a **web page** quickly and effectively using, **HTML 5, CSS3, JavaScript and JQuery** with the webpage cross browser compatibility
- Extensive experience on modern **front - end frameworks** for JavaScript including Bootstrap, JQuery Angular JS,
- Adapted **MVC** (Model-View-Controller) design pattern using **AngularJS**.
- Created Responsive Designs (Mobile/Tablet/Desktop) using **HTML5 & CSS3**.
- Expertise in client scripting language and server scripting languages like **JavaScript, JQuery, JSON, DOJO, Bootstrap, Node JS, Angular JS**.
- Involved in development of prototype of visualizations using **D3.JS**.
- Extensive experience in creating style guides, best practices and setting UI standards for enterprise/consumer applications using **Bootstrap**.
- Expert in Various Agile methodologies like SCRUM, Test Driven Development (TTD), Incremental and Iteration methodology, Pair Programming, Agile Development & Testing using Software Development Life Cycle.
- Responsible for checking **cross browser compatibility** and hence worked on different browsers like Safari, Internet Explorer, Mozilla Firefox and Google chrome.
- Hands on Experience on NoSQL Document Store databases such as MongoDB, Cassandra
- Experience in using **Grunt, Gulp** and CSS procedures **LESS, SASS**
- Good Understanding of Document Object Model (DOM) and DOM Functions
- Developed rich web user interfaces with JSF, AJAX (Asynchronous Java Script & XML).
- Experience in using the latest approaches including MVVM in the browser, event-driven applications using AJAX, JavaScript, JQuery and JSON.
- Resolved cross-browser issues and web site usability issues.
- Debug the applications using Firebug to traverse the document and manipulated the Nodes using DOM and DOM Functions
- Set up **CI/CD pipelines** with Jenkins, **GitHub Actions**, or GitLab CI/CD for automated testing and deployment
- Strong track record of taking ownership of projects from conception to deployment, ensuring impactful and timely delivery.
- Adept at **troubleshooting** and optimizing frontend performance, demonstrating strong problem-solving skills and attention to detail.
- Excellent **collaboration** and communication skills, effectively working with designers, backend developers, and stakeholders.
- Thorough understanding of **CSS and CSS** preprocessors (LESS, SASS) principles with a clear ideology for managing maintainable, scalable and cross-browser code
- Experienced in using various IDEs like Eclipse, Edit Plus, Sublime text, **Notepad++**, **Atom**, and Microsoft Visual code.
- Good experience with Form Validation by **Regular Expression**
- Worked with GitHub for source code management. Have knowledge of **Agile Methodologies** like Extreme programming, SCRUM
- Sound Understanding and good Experience with **Object Oriented Concepts, Object Oriented JavaScript, Object Oriented Design and Implementation**

- Experience in all stages of testing namely **Functional testing, Performance testing, Integration testing, Regression testing and User Acceptance testing**
- **Highly passionate and curious** about new Front-End development technologies and has ability in mastering them with a keen awareness of new industry developments.
- Excellent **interpersonal abilities, communication skills, time management and team skills** with an intention to work hard to attain project deadlines under stressful environments.
- Ability to write clear, well-documented, well-commented and efficient code for web development.

TECHNICAL SKILLS:

Web technologies:	HTML 5, CSS3, JavaScript, AJAX, JQuery, XML, XHTML, DHTML, JSON, BOOTSTRAP
JavaScript Libraries:	JQuery, Angular 16/18+, Angular JS, Node JS, React JS
Debugging Tools:	Firebug, Chrome
Database:	MySQL, MSSQL, PL/SQL, Oracle
Version Control:	SVN, GIT, CVS
IDE & Tools:	Eclipse, Visual Studio, NetBeans, Sublime Text, Notepad++
Framework:	Struts, Spring, MVC
Operating System:	Windows XP/Vista/7/8, HP, Linux, Mac OS X

PROFESSIONAL EXPERIENCE:

Electrum (formally Pickmysolar.com)
Sr. Frontend developer

Nov 2022 - Mar 2024

Responsibilities:

- Developed the UI Layout and front-end programming for web application that matched requirements using handwritten **HTML, CSS and JavaScript**.
- Designing and developing dynamic web pages using **JSP, HTML, CSS, LESS, JavaScript, JQuery, Angular JS** for **single page applications**.
- Coded extensively using JavaScript frameworks by implementing **MVC** architecture.
- Leveraged two-way data binding through scope in applications built on **AngularJS**.
- Used **Angular JS** multiple in-built **directives** and APIs in AngularJS & Node.js such as **filters, root scope, child scope, modal, template, state** etc.
- Developed **custom directives** in **Angular JS** for the application independent components like sticky header for window or table, custom dropdowns, tables, checkboxes, radio buttons, notifications, chevrons, graphs, date pickers, pagination etc.
- Developed backend web services using **Node JS** and stored dependencies using NPM.
- Re-developed a **single page application** using **Angular JS** which was supported in IE 8, 9, 10, 11, Firefox, Chrome.
- Involved in designing and coding the various core components and UI Screens for the Outbound Interface in the Application using **ReactJs, Angular versions**
- Implemented Single Page Application (**SPA**) architecture and client side MVVM (Model View- View Model) using **Angular**.
- Developed application based on document-based Database like MongoDB.

- Good Understanding of Relational Database concepts and experience in Query construction using SQL, PL/SQL. Extensive experience in writing, editing and maintaining database objects Triggers, Stored Procedures. Worked using databases like Oracle, DB2 and MySQL.
- Developed single page applications from start to finish to give it a new look using **HTML5/CSS3/AngularJS**.
- Used Amazon Web Services (**AWS**) like EC2, S3 and Cloud Front for promoting code in various environments.
- Used Test Driven Development (TDD) tools like and Cucumber for Java Automation.
- Develop, optimize, and maintain interactive user interfaces using Angular, **React.js**, or Vue.js.
- Implement responsive and visually appealing UI designs using Bootstrap, Material UI, or Tailwind CSS.
- Ensure consistency and usability by following industry best practices in **UI/UX**.
- Implement scalable **state management** solutions using Redux, NgRx, or Context API.
- Utilize build tools like **Webpack**, Vite, and Parcel for efficient bundling and performance enhancement.
- Developed detailed test reports highlighting GraphQL API test results, including pass/fail metrics, performance benchmarks, and actionable insights.
- Development of Client-Side validation techniques using **JQuery** and **Vue JS** directives
- Conduct unit and integration testing using Jest, Mocha, Jasmine, or Karma.
- Develop **Progressive Web Apps (PWA)** for enhanced offline functionality and performance.
- Perform end-to-end testing with Cypress, **Selenium**, or Puppeteer to ensure application stability.
- Experience with designing and implementing Angular.JS **APIs Microservices**, caching layers, and monitoring.
- Involved with bug fixing on functionality, performance and designing issues with **Vue.JS Plugin** and Chrome Developer tools.
- Implemented **HTML5** feature like, local storage, data and required attributes and sliders.
- Used **CSS Sprites** to decrease the number of HTTP requests and load time of web pages.
- Implemented various Validation Controls for form validation and implemented custom validation controls with **JavaScript** and **JQuery**.
- Implement the **JavaScript/JQuery** frameworks such as **React JS**, **Node JS** for **MVW/MVC** framework.
- Extensively used **Twitter Bootstrap** for creating **responsive web design** for varying screen sizes and devices.
- Implemented comprehensive test scenarios for error handling in GraphQL APIs, covering edge cases and unexpected input conditions.
- Developing, testing, constructing Restful API web Services using Apache CXF implementation.
- Brief experience on implementing the **Angular JS** and **MVC framework** for data access. Developed components to fetch the data from the back end using **AJAX** and **JQuery**.
- Used **AJAX** and **JSON** to make asynchronous calls to the project server to fetch data on the fly.
- Analyze the response of **JSON** to update **DOM**.
- Applied JQuery scripts for basic animation and end user screen customization purposes.
- Handling **cross browser/platform compatibility** issues (IE, Firefox, and Safari) on both Windows and Mac.
- Tested/De-bugged on browser using **Firebug**.
- Widely used optimization techniques in existing code.
- Used **Team Foundation Server** for version control.
- Used **JIRA** extensively for organizing issues, tracking the assigned work, and following team activity.
- Documented the entire project, which contains detail description of all the functionalities.

Environment: HTML/HTML5, CSS/CSS3, JavaScript, TDD, Angular JS, AWS, GraphQL, MongoDB, Microservices, Bootstrap, Ajax, JQuery, React JS, Usability Testing, Agile methodology, Eclipse

Responsibilities:

- Involved in developing the UI pages using **HTML5, DHTML, CSS3, JavaScript, JSON, jQuery, Ajax**.
- Wrote a combination of **JQuery plugins**, as well as completely custom JavaScript to build a bleeding-edge, **AJAX-driven user interface**
- Used **Angular JS** to implement MVC pattern.
- Developed single page web application using JavaScript framework **Angular JS**.
- Implemented UI/UX best practices to display the Bellman-Ford instance, RSS feeds and relevant live market information using **d3.js**, Map box and other JS libraries.
- Implemented a security module in **Angular JS** which integrated with the spring security in the backend with Authentication and Authorization
- Hands on experience with **Object Oriented JavaScript** code and responsible for client-side validations using **Angular Directives** and **JQuery** functions.
- Extensively worked with **JQuery for Effects**.
- Worked extensively on building **the JavaScript profiles** for the requirements which are given by the customer.
- Good understanding of no **SQL** documented database **MongoDB**
- Implemented REST Web services which interact with the (Blaze) Rules Engine and get the required data.
- Created and maintained documentation for GraphQL API testing strategies, test cases, and automation processes.
- Worked closely with developers, product managers, and other stakeholders to understand GraphQL API requirements and ensure comprehensive test coverage.
- Optimize front-end applications for faster **load times and smooth** interactions.
- Seamlessly integrate front-end applications with **Java-based back-end services** through RESTful APIs and GraphQL.
- Developed REST Web services to expose the business methods to external services in the project.
- Implement secure and efficient **API communication using Axios**, Fetch API, or Web Sockets.
- Ensure web applications **meet SEO best practices and accessibility** standards (WCAG).
- Implement **micro frontend strategies** for scalable and maintainable applications.
- Used AJAX & JSON communication against **RESTFUL web services**. Used Most of the d3 and c3 charts to render the maps.
- Had the experience of integrating server-side **java code with UI components** using JSON, XML.
- Working with Bootstrap twitter framework to **Design single page application**.
- Dynamically generated dropdown lists **using Ajax, JQuery UI and Angular JS**.
- `Developed **MVC** design pattern based on user interface using **JSP, XML, HTML**.
- Implemented model view controller (MVC) architecture using struts 2.0 framework and used custom components available in the framework.
- Very good experience in **Document Object Model (DOM)**.
- Created **Images, Logos** and **Icons** that are used across the web pages using **Adobe Flash and Photoshop**.
- Implemented paging functionality for various screens for quicker rendering of data and also to avoid crashing of browser
- Performed testing using Jasmine, Karma and Protractor by following Test Driven Development (TTD) approach.
- Worked on MongoDB database concepts such as locking, transactions, indexes, Sharding, replication, schema design.
- Ensure application consistency by handling state transitions effectively.

- Maintain source code repositories using Git and collaborate through GitHub, GitLab, or Bitbucket.
- Develop reusable components and modules to enhance code maintainability and reusability
- Set up **CI/CD pipelines** with Jenkins, GitHub Actions, or **GitLab CI/CD** for automated testing and deployment
- Enhanced user experience by designing new web features using **MVC Framework** like **and Node JS**
- Has worked in **Angular JS** for client-side scripting and synchronizing java applications.
- Had created page objects for the developed web pages.
- Worked with source version control tool **GIT** to manage the code repository.

Environment: HTML5, CSS3, JavaScript, Ext.js, JQuery, Angular.js, D3.js, MVC frameworks, MongoDB, Backbone.js, AJAX, JSON, DOM, Bootstrap, Adobe Flash, Photoshop, React JS, NPM, GIT and Node JS.

Optum Global Solutions
Software Engineer

Jan 2018 - Aug 2019

Responsibilities:

- Creating Front-end Applications using **HTML5, CSS3, JavaScript, JQuery, AJAX, XML and JSON.**
- Functionalities include writing code in **HTML, CSS, JavaScript, JQuery, JSP** and making using of Bootstrap framework and testing the functionalities using JUnit.
- Worked with the team, helping them build out their markup and **CSS**. My Specialty is large scale **CSS (Sass)**, focusing on reusability and modularity.
- Web application development for backend using **Angular JS** with cutting edge **HTML5 and CSS3** techniques
- Involved to implement various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and redux library.
- Improved the UI logging of suggest edits interface with Flux and React.js.
- Used React.js to render changing currency spreads and to dynamically update the DOM.
- Involved in creating navigation bar using React.JS for menus
- Followed agile software development practice paired programming, test driven development TTD and scrum status meetings.
- Familiar with concepts of Directives, Databinding and Dependency Injection in **Angular JS**. Extensive use of **Twitter Bootstrap framework** to achieve **RWD**, i.e., make the portal compatible for various screen resolutions which are trending in the market today.
- Developed **Object Oriented JavaScript** code and responsible for client-side validations using JQuery.
- Involved in upgradation and maintenance of Confidential Online to the new layout using the Grid orientation model **Bootstrap** framework.
- Implemented SOA architecture with web services using Restful and XML for sending and receiving data from different applications.
- Created a **CSS** framework for using a 12-column grid preferred by the designers as well as implementing parts of **CSS** to cut down on repetitive code.
- Implemented **JavaScript** module patterns using asynchronous script loading.
- Involved in Writing **jQuery-based Ajax** Requests using **jQuery** get (url, data, callback, type) or **jQuery. Ajax** (options) & **jQuery. Post** (url, data, callback, type) & **jQuery. Get** (url, data, callback, type)
- Worked on ANGULAR JS and Node JS issues and fix the bugs pertaining to various browsers
- Worked through cross browser compatibility issues with existing styles and new **CSS** that was implemented.
- Tested cross browser functionality and fixed major layout bugs for supported browsers which includes **IE6**.

Environment: HTML5/HTML, CSS3/CSS, SASS, Less, JavaScript, JQuery, Bootstrap, Angular JS, Node JS, AJAX, JSON, Apache Tomcat, Eclipse, Junit, Oracle, GitHub.

HCL Tech
Client: Optum Global Solutions
Software Engineer

Jul 2017 - Jan 2018

Responsibilities:

- Creating single page Front-end Applications using **HTML5, CSS3, Typescript, JavaScript, JQuery and JSON**.
- Functionalities include writing code in **HTML, CSS, JavaScript, JQuery, JSP** and making using of Bootstrap framework and testing the functionalities using JUnit. Functionalities include writing code in **HTML, CSS, JavaScript, JQuery, JSP** and making using of Bootstrap framework and testing the functionalities using JUnit.
- Worked with the team, helping them build out their markup and CSS. My Specialty is large scale CSS (Sass), focusing on reusability and modularity.
- Web application development for backend using Angular JS with cutting edge HTML5 and CSS3 techniques
- Familiar with concepts of Directives, Databinding and Dependency Injection in Angular JS.
- Implemented JavaScript module patterns using asynchronous script loading.
- Involved in Writing **jQuery-based Ajax** Requests using **jQuery** get (url, data, callback, type) or **jQuery. Ajax** (options) & **jQuery. Post** (url, data, callback, type) & **jQuery. Get** (url, data, callback, type)
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- Worked through cross browser compatibility issues with existing styles and new **CSS** that was implemented.
- Tested cross browser functionality and fixed major layout bugs for supported browsers which includes **IE6**.

Environment: HTML5/HTML, CSS3/CSS, SASS, Less, JavaScript, JQuery, Bootstrap, Angular JS, Node JS, AJAX, JSON, Apache Tomcat, Eclipse, Junit, Oracle, GitHub.

People Tech Group Pvt Ltd, India
Junior Software Engineer

May 2016 - May 2017

Responsibilities:

- Participated in requirements gathering, analysis, Conceptual Design and Details.
- Implemented **AJAX** based UI with above said Architecture with Rich Internet UI in modules.
- Implemented **AJAX** driven UI Element and Search Algorithm using **Ajax**.
- Manipulated **CSS, HTML and DHTML, JavaScript** for presenting appealing GUI.
- Worked on jQuery extensively for various user interactions, front-end validations and other visual effects.
- Worked extensively on web 2.0 migration from Conventional Web Framework to **Ajax** driven framework and extensively used **jQuery, AJAX** and **MVC** in Presentation Layer.
- Used **JavaScript** and **CSS** for UI Design Mockup. Written code in **YUI/JavaScript /CSS/AJAX** code of the application. Created Dynamic Integration of YUI Tab, YUI Grid, and other YUI component Integration with Ajax.
- Worked on Rest Web services, to specify the business behaviors and backend calls
- Developed custom jQuery Plugins for custom functionality of the site.
- Developing Prototype for the project using **Ajax, Hardcoded JSON, jQuery, JavaScript HTML, and CSS**.
- Created and optimized graphic prototype websites and applications interfaces using Adobe Fireworks **CS3**.
- Worked on **CSS Background, CSS Positioning, CSS Text, CSS Border, Pseudo classes, Pseudo elements** etc.,
- Developed tested cross-browser compatible and standards-compliant CSS-based page layouts.
- Handled all aspects of the web application including maintaining, testing, debugging, deploying and printing.
- Provided customer support by lending quick business solutions to integrate existing products with Workflow manager.

Environment: JavaScript, CSS, Ajax, SOAP, Shell, DHTML, XML, UNIX, SQL, MYSQL, Eclipse.