Sai Keerthy
Sr. Front End / UI Developer
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SUMMARY

- Around 8+ Years of experience in Software Design, Development and Testing. Expertise in Designing and Developing Web applications.
- Experience in designing User Interface (UI) applications and professional web applications using HTML5, CSS3, JavaScript, jQuery, AJAX, JSON and XML.
- Expertise in developing applications using various JavaScript frameworks like React/Redux, Angular, Node.js, GraphQl, Nest JS, WebComponents - LitElement.
- Experience in applying the latest software development approaches including Front-end Model View Controller (MVC), event - driven applications using Object-Oriented Web applications, AJAX, Object Oriented JavaScript.
- Sound Understanding and good Experience of using the various JavaScript concepts like Prototypes, Closures, and Object-oriented features, Promises.
- Experience with task runners like Grunt, Gulp to minify CSS/JavaScript.
- Familiar with popular browsers development and debugging tools/plugins for IE tester, Chrome Inspector, Firebug, Jasmine and Karma testing framework.
- Good Understanding of Document Object Model (DOM), DOM Functions and Shadow DOM - WebComponents.
- Very good experience in Document Object Model (DOM) and in client-side applications using React JS.
- Good knowledge in designing the user experience interface UI/UX strategy, UI requirements, converting findings into UI designs.
- Have experience using CSS processors like LESS and SASS.
- Used Node Package Manager (NPM) and Bower as package manager for installing backend and frontend dependencies.

TECHNICAL SKILLS

Programming Languages	JavaScript, TypeScript, jQuery, AJAX, Java, JDBC, JSP, UML
Development Tools	Eclipse IDE, IntelliJ, NetBeans, Visual Studio, Sublime Text, OutSystems
Front-end Technologies	HTML, JavaScript, Grails, AJAX, CSS, XML, JSON, JQUERY, Python, Bootstrap, PHP, React,AngularJS, Angular, NodeJS.
Web & Application Servers	Apache tomcat 8, Web logic, JBoss, Glassfish.
Version Control Tools	Git, Bitbucket, SVN, Microsoft Azure ADO
Build/Deployment tools	Ant, Maven
Web Service Technology	SOAP, WSDL, JAX-WS, JAX-RPC, JAXB
Automation Tools	Selenium WebDriver, Junit, JMeter
Applications	MS Office Pro Word, Excel, PowerPoint, Access, Outlook
Tools	Jasmine, Mocha, Karma, Protractor, NPM, Grunt, Load Runner
Databases	MySQL, PostgreSQL, NoSQL, Riak DB, Oracle, PL/SQL
Operating Systems	Windows, Mac OS

Fidelity Investments, SaltLake City, UT   **May 2022 to Till Date**

Sr. UI Developer

Project Details: Fidelity Investments provide the financial planning, advice, and educational resources that investors and emerging investors need, including retirement planning, wealth management, brokerage services, college savings and more.

Olympus Digital Automation Platform, referred to as 'Olympus' is a re-imagination of automation capabilities that will accelerate Fidelity's drive for digital experiences for customers and scalable automation for business units.

Responsibilities:
- Developed new screens in the existing application for displaying the images with zoom in-out functionality, downloading pdf, docs files.
- Updated **Angular version from 13 to 15** and Addressed all the compilation errors, CSS styling and fixing unit test case failures.
- Created a new directive/component called **dap-icon** which helps in removing the svg files for icons, use it anywhere in the application via passing attribute name.
- Worked on Angular Data Grid (**ag-grid-angular**) tables for selecting - single/multiple, checkboxes, grid events etc to display the data properly and effectively.
- Used **GraphQl** for managing data coming from API from single endpoint passing the queries.

    Project 2:

- **DAP -** Developed Client-side Interfaces/ features for DAP application using React JS.
- Used ReactJS components, Forms, Events, Keys, Router and Flux concept.
- Used Redux for global app state management and Redux Saga with Axios for asynchronous calls.
- Used **Nest JS -** Controllers and Providers for another project/module to make API calls.
- Experience with the **CDN** tools like **Jenkins** for Code Deployment to higher environments.
- Working closely with **SQuad Leads/Business Analyst** in order to understand the requirements clearly and suggesting the team with application behavior.
- Worked on **JIRA board, SCRUM** for the work assignments and tracking the work status.

Environment   HTML5, SCSS, JavaScript, TypeScript, Angular 13/15, React v16+, Redux, NX, NPM, NVM, JSON, Git, Bitbucket, Bamboo, Visual Studio Code, Jenkins, GraphQL, Nest JS, Agile.

Prudential Financial, Newark, NJ   **January 2021 to May 2022**

Sr. UI Developer

Project Details: Prudential Financial, Inc. is an American Fortune Global 500 and Fortune 500 company whose subsidiaries provide insurance, investment management, and other financial products like Life Insurance, Retirement Funds, Annuities, Investments and also providing services to both retail and institutional customers throughout the United States and in over 40 other countries.

prudential.com is a one stop solution for customers / individuals to view all their Pru accounts associated with prudential and their subsidiary accounts from their workplace. Digital Evolution is the new initiative from prudential Customer Office to update all the existing applications from old to new technology.

Responsibilities:
- Worked with different teams in various phases of **SDLC** such as requirements gathering, modeling, Analysis, Design, Development and Testing of application using **Agile** and **Scrum** Methodology.
- Designed and Developed reusable WebComponents using LitElement library which uses lit-html to render into elements shadow DOM and adds API to help manage element properties and attributes.
- Implemented Global Top and side nav's for navigating to different articles within the Angular Components thru Slots.
- Created design system library for web components and pulled in web components into Angular applications as node_modules library.
- Created **Angular 11** wrapper components for hosting the web components in the consuming application.
- Updated **Angular version from 6 to 11** and Addressed all the CSS styling fixes with the latest Prime-ng library updates.
- Experience with **JIRA Board** for work assignments and **Bitbucket** for code repositories.
- Experience with the **CI/CD pipelines** and **tools** like **Jenkins** for Code Deployment to higher environments like DEV, QA, STAGE and PROD.
- Used **Jasmine/karma** for Unit test coverage for the application.
- Demonstrating knowledge of code reviews, unit and regression testing.

Environment HTML5, CSS3, SCSS, Bootstrap, JavaScript, TypeScript, Angular 6/11, WebComponents-LitElement, Node Js, NPM, JSON, REST API's, GIT, Jenkins, Jasmine, and Karma.

J.B. Hunt Transport Services Inc, Lowell, AK	June 2020 to December 2020

Sr. UI Developer

Project Details: J.B. Hunt is one of the largest transportations and logistics companies based in Lowell, Arkansas - North America and provides a variety of services for customers throughout the continental United States, Canada, and Mexico.

J.B. Hunt 360 has many products and one most important is 360 Yards & Assets. It was for shippers and carriers to manage the Loads, Equipment and Trucks.

Responsibilities:
- Worked with different teams in various phases of **SDLC** such as requirements gathering, modeling, Analysis, Design, Development and Testing of application using **Agile** and **Scrum** Methodology.
- Design and Develop various SPA screens using **Angular 6/8** using components, **HTML5**, **CSS3**, **Bootstrap, Typescript** and also used various predefined components from **NPM (Node Package Manager).**
- Developed responsive UI pages using **SCSS, Bootstrap**, Existing predefined directives and classes provided by JB Hunt UX library.
- Updated **Angular version from 6 to 8** and Addressed all the CSS styling fixes with the latest Prime-ng library updates.
- Worked on **Red Hat SSO (**Single Sign On**), JWT's** and **Modern Header** implementation for the 360 Yards and Assets Application.
- Implemented **Message Catalog** is a core service which consumes core library services of JB Hunt in order to display the values or strings across the applications using Angular 8.
- Experience with **Microsoft Azure ADO, ADO Git, ADO Board** for work assignments and code repositories.
- Experience with the **CI/CD pipelines** and **tools** like **Jenkins, Dockers, Clusters** for Code Deployment to higher environments.
- Used **Jasmine/karma** for Unit test coverage for the application.
- Used **node.js** to run **Grunt** tasks and build properly the project (compile, minify, etc)
- Demonstrating knowledge of code reviews, unit and regression testing.

Environment HTML5, CSS3, SCSS, Bootstrap, JavaScript, TypeScript, Angular 6/8, Node Js, NPM, Microsoft Azure, JSON, REST API's, Grunt, GIT, Jenkins, Docker's, AKS Cluster, Jasmine, and Karma.

Prudential Financial, Newark, NJ   **January 2019 to May 2020**

Sr. UI Developer

Project Details: Prudential Financial, Inc. is an American Fortune Global 500 and Fortune 500 company whose subsidiaries provide insurance, investment management, and other financial products like Life Insurance, Retirement Funds, Annuities, Investments and also providing services to both retail and institutional customers throughout the United States and in over 40 other countries.

LINK by Prudential is an umbrella marketing name for Prudential Customer Solutions LLC ("PCS"), Prudential Annuities Distributors, Inc. and various subsidiaries of The Prudential Insurance Company of America.

Responsibilities:
- Participated in various phases of **SDLC** such as requirements gathering, modeling, Analysis, Design, Development and Testing of application using **Agile** and **Scrum** Methodology.
- Design and Develop various SPA screens using **Angular 4/6** using components, **HTML5**, **CSS3**, **Bootstrap, Typescript** and also used various predefined components from **NPM (Node Package Manager).** Developed responsive UI pages using **SASS, SCSS, Bootstrap**, Existing predefined directives and classes provided by Prudential UX library.
- Used various **Angular 6** custom directives, developed reusable components & templates which can be used throughout the application.
- Written application level code using typescript to interact with the **REST API's** using Component-based architecture provided by Angular.
- Used customized **Prudential Framework** to develop the Angular 6 application from scratch.
- Worked on **Content Management System (CMS) - Drupal** for storing and retrieving the application data in the form of **JSON response** from API Node.
- Worked on **PDFService** written in **Java** and **Spring Boot** for updating the **ftl templates** for the generation of documents.
- Experience with **JIRA, Git, GitHub & BitBucket** for work assignments and code repositories.
- Experience with the **CDN** tools like **Jenkins** for Code Deployment to higher environments.
- Used **Jasmine** and **Protractor** for Unit test coverage for the application.
- Used **node.js** to run **Grunt** tasks and build properly the project (compile, minify, etc)
- Demonstrating knowledge of code reviews, unit and regression testing.
- Working closely with **Product Managers** in order to understand the requirements clearly and suggesting the team with application behavior.
- Worked on **KANBAN board, SCRUM** for the work assignments and tracking the work status.

Environment HTML5, CSS3, SCSS, Bootstrap, JavaScript, TypeScript, Angular 4/6, Node Js, NPM, JIRA, AJAX, jQuery, JSON, Drupal, REST API's, Grunt, Source Tree, GIT, BitBucket, Jenkins, Jasmine, Protractor, and Karma.

JP Morgan Chase & Co, Newark, DE   **June 2018 to December 2018**

Sr. UI Developer

Project Details: J.P. Morgan Asset and Wealth Management, with client assets of $2.4 trillion, is a global leader in investment and wealth management. Its clients include institutions, high-net-worth individuals and retail investors in every major market throughout the world.

DItech workflow services (Discretionary transactions) is a wealth management application which is written in Java, Spring Boot and AngularJS. The primary focus of the project is submitting the workflow tickets in PBA (Private Bank of America) and IPB (International Private Bank) which need to be routed between Investors, CSS (Client-Side Services), and PMG (Portfolio Management Groups).

Responsibilities:
- The project operates on Agile project development cycle with Bi-weekly sprints, daily standup, retrospective sessions and sprint planning.
- Involving in requirement gathering, designing, development, UI reviews, and maintenance.
- The portal is made responsive using **CSS3**, preprocessors like **SASS, Bootstrap,** and media queries to support desktop and tablets.
- Creating new pages using **Html, CSS** and made modifications to existing applications and modules in accordance with client specifications.
- Developing and integrated complex scripts using **Angular 4** and implemented various functionalities to current code.
- Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
- Developing user interface by using **the Angular 4, Flux for SPA development**.
- Involving in responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop and Tablets using Angular.js.
- Implemented various screens for the front end using **Angular.js** and used various predefined components from **NPM (Node Package Manager)** and **Redux library.**
- Involving in building stable Angular components and stand-alone functions to be added to any future pages.
- Using **REST client / POSTMAN** to check the response of various API's, Swagger UI as a visual documentation for back-end implementation and client-side consumption. Handled various exceptions based on the response.
- Creating a build process for different environments like develop, staging and production.
- Demonstrating knowledge of code reviews, unit and regression testing.
- Wrote application level code to interact with APIs, Web Services using **Node.js, AJAX, JSON and XML.**
- Using Node.js to offer an easy and safe way to build high performance and scalable network applications.
- Using Express Framework to set up middleware to respond to the HTTP requests with the help of Node JS.

Environment HTML5, CSS3, JavaScript, Angular 4, Redux, Node Js, Bootstrap, NPM, JSP, JIRA, AJAX, jQuery, JSON, Grunt, Source Tree, Jasmine, Karma and Brackets.

Catholic Health Initiatives, Englewood, CO   **Aug 2016 to June 2018**

Frontend/UI Developer
Project Details: Catholic Health Initiatives (CHI) is a nonprofit Health Care providing system, headquartered in Englewood, CO. They have a network of hospitals in various states and partner with third party health care providers.

Catholic Health Application Service Platform (CHASP) is a micro service-based API platform, providing secure services to store and retrieve data regarding the providers, medical locations, document exchanges, chat services and other tools. It is HIPAA compliant system and is hosted on AWS cloud platform.

Responsibilities:
- Participated in Agile methodology to review and analyze business requirements, documenting the gathered requirements and design.

- Developed various UI screens using front-end technologies.
- Designed and developed dynamic and multi-browser compatible pages using **HTML, CSS, jQuery, Angular 2 and JavaScript.**
- Developed responsive web design using Bootstrap and CSS3 media queries to create responsive navigation menus and page interactivity.
- Implemented MVC architecture by creating custom **directives, controllers, views and filters using Angular 2.**
- Created user-friendly and professionally organized User interface.
- Fixed compatibility issues with different versions of browsers (Chrome, Safari, Firefox and IE).
- Created reusable components by writing **React.js** classes and to render the model of the application.
- Worked with User Experience (UX) and Quality Assurance (QA) teams during the entire Software Development Life Cycle (SDLC)
- Deployed the Java Script code using continuous integration tool **- Jenkins**
- Used **Git** as version control tool for deploying into the Development branch where modifications to job-related objects are carried out in this environment.
- Used **Docker containers** and images to check-in the code on the basis of the type of applications and services.
- Involved in application Regression Testing (end to end).
- Participated in Design discussions, Sprint planning, effort estimation for tasks and Performance testing.

Environment: HTML5, CSS3, Bootstrap, JavaScript, jQuery, ReactJS, Angular2, Angular5, Typescript, Chrome Developer Tools, Restful Web services, JSON, Advanced Rest Client, Oracle SQL Developer, GIT, Maven, Eclipse, Tomcat.

Scrutiny Software Solutions, Hyderabad India   **June 2013 to July 2015**

Web Programmer:
Project Details: Trainee programmer on several different projects handled by Scrutiny Software Solutions.

Responsibilities:
- Designed dynamic and browser compatible pages using HTML, DHTML, **CSS/CSS3, AJAX, JQuery** and **JavaScript.**
- Developed CSS styles to maintain the uniformity of all the screens throughout the application and positioning of screen objects.
- Developed page layouts, navigation and icons with industry best practices and standards when project requirements were lagging.
- Used SVN as a version control tool.

Environment: HTML, DHTML, CSS/CSS3, AJAX, JavaScript, jQuery, SVN, Eclipse.

EDUCATION

- Master's in Computer Science, Northwestern Polytechnic University   California, USA -2016