

# Achyutha Vetagiri

Senior UI/UX Engineer

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## Summary:

- **Over 7 years** of experience in corporate environment as a UI/front - end developer.
- Experience in web designing, user interface development, and implementation of Web & Mobile based Applications using latest web technologies.
- Extremely skilled and efficient in building Web User Interface (UI) using **HTML5, CSS3, XHTML, JavaScript, jQuery, JSP, Bootstrap, AJAX, SASS, LESS, SVG, Bootstrap, XML, JSON, SOAP, REST API's**.
- Experience in working with **Angular 2/6/8/9/10/11/12** modules, services, templates, directives, services and dependency injection to create a **SPA**.
- Proficient in **Bootstrap Grid** and **media queries** to achieve **responsive web design (RWD)**.
- Experience creating **Typescript** reusable components and services to consume **REST APIs** using Component based architecture provided by **Angular 2/6/8/9/10/11/12**.
- Highly Skilled in **Type Script** Language, Hands on work experience with **Angular CLI** for creating **Directives, Components, Services, Pipes, Observables, Reactive/Template** driven forms, and **Router** for multiple components utilizing **Router Guards** and **Navigation**.
- **Experience in creating Responsive Web Design (RWD)** Rich **Restful Service Applications**, and **HTML** wireframes using **HTML5 Grid Structures/Layouts, CSS3 Media Queries, Ajax, Material design** and **Bootstrap**.
- Experience with popular **React.js** workflows such as **redux** and **flux**.
- Good knowledge on **React.JS, Angular.js** and **Responsive Web design**.
- Strong experience with **Search Engine Optimization (SEO)** principles and **Cross Browser Compatibility** issues. Experienced in **Responsive Web Design** and **Media Queries**.
- Experience in **CSS** preprocessor **LESS** and **SASS** for dynamically styling. Developed **HTML** templates and performed client-side Validation using **JavaScript**.
- Experience in all phases of **Software Development Life Cycle**.
- Experience in designing web applications and web contents utilizing various **Search Engine Optimization (SEO)** techniques.
- Strong Experience in dealing with **CSS Animations, Backgrounds, Layouts, Positioning, Text, Border, Padding, Margin, Table, Sprites, Behaviors, Psuedo Classes, Psuedo Elements** and **CSS Box Model**.
- Experience in working with third party APIs, Web Services.
- Hands on experience in creating components using **React.js**.
- Cultivate a design-driven approach to development by asking the right questions and reframing the problem in human-centred terms while working within market and technological constraints.
- Extensive experience in Designing, Modifying and Maintaining Web Pages using **Adobe Dreamweaver, Adobe Photoshop, Sketch**, and **Axure RP**.
- Experience working with **Adobe creative cloud (CC)** tools like **Adobe Photoshop, Dreamweaver, illustrator, InDesign, Photoshop**.
- UX Design - Experience defining: **User Research Plans, Persona and Empathy maps, User Flows & Scenarios, Sitemaps, and Usability & Heuristic Analysis**.
- Experience working with **Adobe Experience Manager (AEM), CRXDE lite**, Developed components for web applications and mobile applications.
- Extensive knowledge and adherence of **ADA** compliance in implementing designs for **Web Portals, Mobile Applications, and Email Templates**. Hands on experience in testing of web applications using **Job Access with Speech (JAWS)**.
- Strong in **Adobe Creative Cloud: Photoshop, Illustrator, After Effects, Flash, Lightroom, Adobe XD, Brackets**.
- Experience managing **Design Systems** and **Styles Guides** with **Icons** and **Typography**.

- Experience in Graphic and User Experience Design and Transforming Web/Graphic Designers static prototypes into hand-coded HTML, specifically emphasizing accuracy and efficiency & adhering to W3C-established web standards with respect to maintaining responsiveness
- Proficient in handling Twitter Bootstrap framework i.e., the concept of Grids, making use of advance components like Navs, Navibars, Pagination, Alerts, Progress bars etc.
- Excellent **Analytical, Problem Solving skills, strict attention to detail, Proactive and self-starter** with excellent analytical, communication and interpersonal skills.

#### **Technical Skills:**

<b>Web Technologies</b>	HTML5, CSS3, Angular JS, JavaScript, jQuery, Bootstrap, React, Redux, NodeJS, Express, Ajax, JSON, TypeScript
<b>(Mac &amp; PC Platforms) — UX</b>	Axure, Sketch, Invision, Balsamiq, OmniGraffle Adobe CC (Dreamweaver, Photoshop, Illustrator, InDesign, Acrobat, Flash)
<b>UX Research</b>	Attitudinal, Behavioural, Quantitative, Qualitative, Research Methods in Human Factors Engineering, User Experience research methodologies, Statistical Analysis, Error Analysis Techniques
<b>UX Methods</b>	Design Thinking, User Centered Design (UCD), Agile, Lean UX, Information architecture, Content Strategy, Usability & Heuristic Analysis
<b>Operating System</b>	Mac OS, Windows.
<b>Servers</b>	Apache Tomcat, JBOSS, WebSphere.
<b>Version Control</b>	GIT, SVN
<b>Build Tools</b>	Maven, Ant
<b>Database</b>	SQL Server, MYSQL, MongoDB

#### **Education:**

Masters in Computer Science from Missouri State University, United States

Bachelors in Electronics and Communication Engineering from Audisanakara College of Engineering and Technology – India.

#### **PROFESSIONAL EXPERIENCE:**

**Client: CVS Health - RI/Remote**

**Aug 2021 – Till date**

**Role: Senior UI/UX Engineer**

**Project: Healthcare Identity Management**

Healthcare Identity Management to secure patient profile information, grant and deny user access rights, and manage better identity governance. It protects sensitive data within the system and validates an individual's role in accessing that data. It identifies, authenticates, and authorizes access to applications, systems, networks, and portals while understanding the individual's role (patient, health plan member, healthcare provider, employee, or vendor) in a healthcare setting.

#### **Responsibilities:**

- Worked closely with SMEs, developers and other IT teams to understand the scope of the project and accordingly gather functional requirements of the project in order to design and implement the application.
- Configured routes between **ReactJS** and Flask to render the templates from the server-side.
- Used jQuery in directly manipulating the DOM yet separating the **ReactJS Components**.
- Used **ReactJS** with **Redux** to separate the data and presentation layer. Utilized Redux stores to handle the states and update the UI.
- Used various plugins on babel to compile **JSX** to create elements.
- Worked with **NodeJS** module making calls to REST APIs to fetch the data from the backend as **JSON** response and parse it on the UI for DOM/CSS Manipulation.
- Used **React JS** for building composable and reactive user interfaces.
- Implemented various screens for the front end using **React.js and Redux library**.
- Used **React-Router** to turn application into Single Page Application.
- Experience in **React JS** and working with React Flux architecture.

- Built Web pages that are more user-interactive using jQuery plugins for Drag and Drop, AutoComplete, **JSON**, **Node.js**, **Bootstrap**, and **JavaScript**.
- Participated in meetings with the end-clients to develop layout, colour scheme for the web page and implemented them with the help of **HTML5**, **CSS3** and **JavaScript**.
- Establish **UX design** as the first stage of all Web and mobile application developments, instituting a user-centered design (**UCD**) approach.
- Responsible for creating **sketch**, **wireframe**, prototype and visual mockups, creating clickable prototypes when needed with **Axure RP**.
- Building and coding up prototypes using **HTML5**, **CSS**, **Sketch**, **Balsamiq**, **Axure**, and **Adobe CC**.
- Perform client **ADA Compliance** run and brand analysis to adhere to the brand guidelines abiding standards on fonts, colors and imagery.
- Creating wireframes, storyboards, user flows, process flows and site maps to effectively communicate interaction and design ideas
- Ideation and implementation of best practice UI patterns for page designs.
- Using Task Analysis, SHERPA Analysis, SWOT Analysis, Root cause Analysis to identify flaws in the existing design.
- General duties include: creation of user flows, content flows, taxonomy, AB testing, site maps, page designs, user testing, persona research, working with digital marketing strategy, documentation, and ideation.
- Extensively used **CSS (Cascading Style Sheets)** along with **RWD** to apply different styles to the layouts for varying screen sizes and pixels.
- Worked on NoSQL database like MongoDB and performed Crud operations like insert, update, delete.
- Worked on **jQuery** to make dropdown menus on web pages and display part of a web page upon user request.
- Reviewed customer feedback about the debugging issues, fixed bugs with **HTML5** and **TypeScript** codes and worked on resolving browser compatibility issues.
- Created SQL queries, PL/SQL Stored Procedures, Functions for the Database layer by studying the required business objects and validating them with Stored Procedures using Oracle.
- Developed components to fetch the data from the back end using **AJAX** and **jQuery**.
- Analyse the response of **JSON** in order to update **DOM**.
- Used **GIT** for Version Control.

**Environment:** HTML5, CSS3, ES6, React JS, Node JS, JSON, TypeScript, AWS, jQuery, AJAX, GIT, Sketch, Balsamiq, Axure, Adobe CC, Wireframes, Adobe Photoshop, UCD Approach, Mac, Android, Oracle, Windows.

**Client: JPM Chase – India**

**Nov 2017 – Dec 2019**

**Role: UI/UX Engineer**

**Project: Commercial Banking**

Commercial Banking is focused on helping our clients succeed and making a positive difference in our communities. We provide credit and financing, treasury and payment services, international banking and real estate services to clients including corporations, municipalities, institutions, real estate investors and owners, and nonprofit organizations.

#### **Responsibilities:**

- Implemented projects using **Agile SCRUM methodology**. Involved in daily stand up meetings, sprint retrospective.
- Created Dynamic Web Application with the help of **Angular 9/10**, **TypeScript**, **HTML5**, **Angular Material**, **JSON**, **Mongo DB**, and **TypeScript**.
- Refactored the existing Application to newer version Angular – **Angular 9/10**.
- Spearheaded adoption of new principles such as responsive design, mobile first and adaptive design using Angular 10 libraries using Typescript.
- Designed and developed interaction flows, wireframes, visual mock-ups and prototypes for **software** and **mobile applications**.
- Established Style Guides for varied architectures and platforms, and performed usability testing on new design initiatives, and Prototyped design concepts, validated architecture, and implemented site-map structure.

- Created **wireframes**, produced mock-ups, and determined ideal typography and visual design using Adobe and Axure.
- Created concept models, heuristic reviews, strategy documentation, concept models, ecosystem maps, sitemaps, process flows, **sketches, wireframes, prototypes**, and detailed specifications for mobile/tablet and social applications. Worked in both waterfall and agile methods on a variety of web interfaces including desktop, mobile, and tablet. Led interaction design for responsive websites, mobile apps, and complex, large-scale websites.
- Created high-fidelity interactive prototypes using **Axure, OmniGraffle, Indigo, InVision, Figma, Sketch, Balsamic**, and **Gridbox**.
- Performed on early-stage designs to usability testing and presented implementation recommendations from a user-centered perspective.
- Created Angular 10 modules, services, templates, directives, services and dependency injection to create a SPA.
- Worked with **Angular latest type checking features** like **fullTemplateTypeCheck** and **strictTemplates**.
- Developed TypeScript reusable components and services to consume REST API's using Component based architecture provided by Angular 9.
- Used Selectors, Events, **AJAX** and **DOM** Manipulation using components in Angular 10 for updating content on DOM nodes.
- Implemented **Angular Router** to enable navigation from one view to the next as customer performs application tasks.
- Worked with **NPM** commands and the usage of Package. Json for managing dependencies and dev-dependence packages.
- Worked on merging, committing the branches in the version control **GIT**
- Used **JIRA** as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.

**Environment:** Angular 9/10, TypeScript, Node JS, Angular CLI, Angular Material, HTML5, CSS3, AJAX, NPM, Mongo DB, Jenkins, GIT, Jira, Sketches, Wireframes Axure, OmniGraffle, Indigo, InVision, Figma, Sketch, Balsamic, Gridbox, Agile, Windows.

**Client: Pitney Bowes – India**  
**2017**

**August 2014 – Nov**

**Role: UI Developer**

**Project: eCommerce Shipping Software**

It is cloud-based eCommerce shipping software that offers advanced reporting and analytics to help you streamline eCommerce operations across sales channels. It includes discounted carrier rates, shipping presets, automation rules, barcode scanning, and no seller-fulfilled Prime fees with its base plan. Higher-level plans include customized workflows and integrations, vendor portals, supplier management, dedicated customer service reps, and more.

#### **Responsibilities:**

- Involved in developing the UI, layout and front-end programming for web application using **HTML5, CSS3, TypeScript, Ajax, JSON, Angular 6/7 and Bootstrap**.
- Designed and coded customized **Angular 7 services** to interact with the **backend API** and serve components.
- Worked already existed application which is redesigned in advanced workspace and updated with Angular 7.
- Worked with **Angular 7** forms, modules, DOM, events, expressions, **controllers, filters and Http Request**.
- Developed Single Page applications using Angular 7 using components, directives using **Typescript**.
- Used **NPM** for installing required node modules and other published **Angular NPM modules**.
- Implemented latest **Ecmascript6** (ES6) features like arrow functions, constants, block-scope variables and class inheritance.
- Implemented **Angular 7** Controllers to maintain each view data.
- Implemented **Angular** Service calls using **Angular 7 Factory**.
- Used **Angular 7** to implement **Single Page Application (SPA)** architecture and client side MVC.
- Used **Angular CLI** to create new components and some packages including **PrimeNG, Angular Material and Bootstrap**.
- Utilized Angular 7 framework to bind HTML template (views) to JavaScript object (models).

- Created Effects to describe the source of dispatched actions and dispatching an action on success with corresponding payload.
- Developed the front end of the application using **HTML5/CSS3** and **Bootstrap4**.
- Used JavaScript concepts like promises, call-back functions, streams, higher-order functions.
- Attending project Kick-off meetings, assessing key factors of product development, getting CE team approved design specs, and creating wireframes / prototypes for the same.
- Designed and developed journey map, personas, and wireframes.
- Managed and designed UI for optimal customer experience.
- Designed low and hi fidelity mock-ups for client and developers.
- Worked with developers to ensure design was followed into final product.
- Involved in deriving and finalizing the UI for the diligence.
- Worked on Adobe Fireworks, Adobe Photoshop, Adobe Dreamweaver, and Illustrator for the front-end UI Design elements for web paged such as Icon, buttons and overall design.
- Designated UI architecture for the internal web application and worked with designers to constructs conceptual Wireframes and Mock-ups.
- Developed page layouts, Navigations and presented designs and concepts to the clients and the management review.
- Developed Prototype of the intranet web application using Photoshop.
- Involved in designing interactive experiences, animations, and storyboards for presentations.
- Build up and refine low- to high-fidelity interface design concepts and/or interactive prototypes while considering the bounds of selected technologies.
- Ensured sites met web accessibility requirements for the visually impaired and sighted keyboard users.
- Met often with senior stakeholders to ensure needs were being met.
- Produce brand standards and style guides for creating interactive, user-centric products.
- Worked with existing style sheets to implement **SASS**.
- Extensively used **Angular-cli** to generate components, **routes**, **services**, **pipes** and to run **tests**.
- Effectively implemented **AJAX** in developing dynamic web pages.
- Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment.

**Environment:** Angular 6/7, TypeScript, Node JS, Angular CLI, NPM, HTML5, CSS3, Bootstrap, AJAX, Firebug, DOM, Maven, Jira, Agile, Wireframes, Mock-ups, Layouts, Adobe Photoshop, Adobe Illustrator, Adobe Dreamweaver, Photoshop Windows.