# HEMALATHA PRAKASAM

**Frontend Engineer/UI Developer**

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# SUMMARY

* Over **3.5+**years of experience with strong web enterprise suite product development across **Banking and Financial, Sales, and Insurance** domains with engineering utilizing an **Agile SDLC methodology**.
* Competent in **Angular, NGX, Typescript, React, Redux, ES6,** and other latest **JavaScript Frameworks & libraries.**
* Strong hands-on to convert UX design into Responsive Enterprise application products and transform project objectives as deliverables.
* Good understanding of Web Product development, web technologies, SPA and object-oriented concepts.
* Expertise in **REST APIs** integration. Manipulate response JSON objects Component driven views.
* Good Understanding of **Semantic Elements, ECMAScript, with** Document Object Model **(DOM)** structure and Nodes.
* Experience with working on CSS Preprocessors like **SASS** & **LESS**.
* Hands-on in design libraries like **Material UI(MUI)** and **Bootstrap**.
* Good knowledge of Unit Testing using **Jasmin, Jest, Enzyme,** and **React test libraries**.
* Hands-on in application troubleshooting and debugging by **Firebug** and **developer tools**.
* Experience in **Responsive Web Pages** and **Cross- Brower Compatibility** design using Media Queries, CSS Grid Layout, Flexbox and Bootstrap.
* Identifying UI design and developing complexity and risk mitigation plans. Uses Design Patterns and Best practices in development, process, methodologies, tools, and technologies.
* Experience in Agile Scrum contributor and active participant in Story Point (Fibonacci Series) facilitation and Sub-task updates with a periodic status upgrade.
* Hands-on with remote team collaboration across **USA, Mexico, Canada**, and **India**.
* Experienced in developing web pages complying with **Web Content Accessibility Guidelines (WCAG)** and ability to apply **W3C** and **Americans with Disabilities Act (ADA) standards**.

# EDUCATION

* **Master’s – Computer Science and Engineering, Anna University, India. May- 2013.**
* **Bachelor’s – Information Technology, Anna University, India. May 2010.**

# TECHNICAL SKILLS

|  |  |
| --- | --- |
| **Web Technologies** | HTML5, CSS3, AJAX, JSON, Bootstrap |
| **Scripting Languages** | JavaScript, ES6, TypeScript, Angular, ReactJS, Redux, JQUERY |
| **Development methodology** | Agile Methodology, SDLC Software Development, Service Now processes. |
| **Operating Systems** | Windows XP/7/10, Mac |
| **Database** | MySQL, MongoDB |
| **IDE** | Visual Studio Code, Eclipse, Atom. |
| **Source Control Software** | Git, GitHub |
| **Build & Deployment Tools** | CICD(Jenkins, Octopus & TeamCity) JIRA. |
| **Debugging Tools** | Chrome Developer Tools, Firebug, IE Developer Toolbar, Safari Inspectors |
| **Application Servers** | Node JS, Apache Tomcat |
| **Cloud** | AWS(Beginner) |

# WORK EXPERIENCE

**Career Break (Parenting & Waited for EAD work authorization)**

**Goal: Keep learning myself to get up to the speed on the competitive environments.**

# TECHNICAL CERTIFICATIONS:

* M001 - 2017 : MongoDB Basic Certification
* Udemy: JavaScript Masterclass 2021: Modern & Comprehensive
* Udemy: Angular – The Complete Guide (2023 Edition)
* Udemy: React - The Complete Guide (Incl Hooks, React Router, Redux)

**Cognizant Technology Solution - India**

**Client-Comcast, Bangalore, India Jan 2016 – May 2016**

**UI Developer**

**Responsibilities:**

* Design and developed Comcast home office application User Interface using **Angular**
* Developed customized **Angular** components across multiple modules.
* Integrated **Bootstrap** with **Angular** for responsive component developments.
* Utilized Custom CSS media queries to design Cross browser and Device developments.
* Integrate RESTAPI’s with **Angular** components.
* Developed the MVC patten adopted development life cycle.
* Involved in different lifecycles of application development that meets accessibility of web browser.
* Collaborate with cross-functional teams to analyze, design, and implement new features into the web Application without affecting the existing workflow.
* Involved in all stages of Software Development Life Cycle (**SDLC**) including Requirement Analysis, Design, Development, Testing, Implementation, Documentation and Support of software applications.
* Developed and implemented user interfaces as per **W3C & Web Accessibility Initiative (WAI)** AA standards.
* Used **GIT** version to implement version control System

**Environment: Angular, HTML, CSS, JavaScript, jQuery, GIT, Bootstrap, Ajax, JSON, Grunt, Fiddler, Visual Studio Code.**

**Cognizant Time Management Jun 2015 – Dec 2015**

**UI Developer**

**Responsibilities:**

* Actively involved in development of user experience (UX) and user interaction (UI) design discussion.
* Improving the website and portal functionality using SharePoint feature with customized **Angular, JavaScript, HTML CSS** and **Bootstrap**.
* Used **Angular** as the development library to build a single-page application.
* Responsible for ensuring all client-side validations are full filled using **Angular**.
* Responsible for the overall layout design that meet cross-device compatibility using Bootstrap, color scheme of the web site using **HTML5**, and **CSS3** and Responsible for creating detailed wire frames and process flows.
* Developed responsive web pages using **Bootstrap** and **CSS** media queries.
* Worked with the back-end development team in the process of handling **RESTful API** methods response in JSON, render and displayed in UI.
* Collaborate with cross-functional teams to analyze, design, and implement new features into the web

Application without affecting the existing workflow.

* Developed and implemented user interfaces as per **W3C & Web Accessibility Initiative (WAI)** AA standards.
* Involved in all stages of Software Development Life Cycle (**SDLC**) including Requirement Analysis, Design, Development, Testing, Implementation, Documentation and Support of software applications.
* Used **git** version to implement version control System.

**Environment: Angular, HTML, CSS, JavaScript, Bootstrap, JSON, RESTful, GIT, Fiddler, Visual Studio Code.**

**Client-Bharti AXA, Bangalore, India Feb 2015 – Jun 2015**

**UI Developer**

**Responsibilities:**

* Worked on front end pages that were developed in a professional manner using **HTML, CSS, JavaScript, and JQUERY.**
* Developed client-side validation code using **JavaScript and JQUERY.**
* Creating cross-browser compatible and standards-compliant **CSS-based** page layouts.
* Involved in fixing Front-End issues with the GWT integration.
* Worked on **CSS Media query** customization with GWT adoptability specific.

**Environment: HTML, CSS, JavaScript, GWT, jQuery, JSON, Fiddler, Eclipse.**

**PRIMUS Global Technologies Pvt Ltd, India Dec 2013 – Feb 2015**

**Cognizant as Contractor (UI Developer) at Bharti AXA, Bangalore, India**

**Responsibilities:**

* Worked on front end pages that were developed in a professional manner using **HTML, CSS, JavaScript, and JQUERY.**
* Developed client-side validation code using **JavaScript and JQUERY.**
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**Environment: HTML, CSS, JavaScript, GWT, jQuery, JSON, Fiddler, Eclipse.**