





Mohamed Hussain S H

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Experience

Having Eleven years of experience in front end development in the reputed companies like

 **SKY NEWS ARABIA** Abu Dhabi, as Senior FrontEnd Developer (2015 - present)




















Taking care of complete Frontend Development and performance , SEO , different social media and Ad Integration , Analytics of the site.

 **INFOSYS (Client: AT&T)** Chennai, as UI Implementation Specialist (2010 - 2015)



Developing and Maintaining the web pages for the AT&T , leading telecom operator in USA.

Key Areas and Tech Worked

-  HTML, CSS, Javascript, jQuery, AJAX, SVG, REST APIs and basic FrontEnd Tech
-  ReactJS, NEXTJS, Redux, Xstate, AngularJS(1.x)
-  JAM stack website with NextJS and Eleventy
-  Latest Javascript APIs in ES2015 - ES2020, (Babel transpilation)
-  NodeJs Backend and Templating with JSPs, nunjucks, Pug
-  Website Performance Optimization, Accessibility and Web Security.
-  Server Side Integration Of Client Side MVC Framework
-  Progressive Web Application (PWA)
-  Modern Web Layouts Using CSS3 Grid Flexbox SCSS
-  Responsive Web Design(RWD), Single Page Application (SPA), Cross Browser Support
-  CSS Animations, Greensock, Scrollmagic, Infinite Scroller
-  Search Engine Optimization (SEO), DFP Ads Integration, Google analytics
-  AMP, Facebook Instant Articles, Google News, HTML Email
-  Firebase, CI/CD with Github Actions and Travis
-  TDD using Karma, Jasmine and Cypress for end user Testing
-  Build Tools - Webpack, Gulp, Grunt, NPM,
-  Smart TV Application Development for LG(webOS) and Samsung (TizenOS)
-  Hybrid App Development Phonegap Cordova
-  Browser Automation Using Puppeteer
-  jQuery, jQueryUI, Sencha Mobile, Bootstrap, Foundation
-  Photoshop and Design Basics


Project Experience

- Developing fast, accessible, responsive web pages using HTML JS and CSS. converting the design into web pages.
- Client side frameworks: ReactJS (Rehydartion with NextJS), AngularJs (with rehydration) and using jQuery since started and for past five years turning back to plain vanilla js.
- Experience in working and developing for Strapi CMS and custom inhouse CMS for Sky News Arabia.
- Experience working in JAM stack ecommerce type of product with NextJs, Strapi CMS with Node Backend for Sky news Arabia Academy website <https://academy.skynewsarabia.com/en>.Multi Language Support(Arabic and English)
- Experience in latest ES6, REST APIs , CORS, and PWA features web push, service worker.
- Converting the critical above the fold content from clientside rendering into server side rendering in angular, react(NextJs).
- Good knowledge in understanding the inner working of the rendering pipeline of the browser
- Worked in Single Page Applications.
- Worked in converting the design mockups(desgin prototype) to web pages
- Collaborating with designers and business teams in design discussions and providing inputs which helps them in making the decisions.
- Experience in optimizing the performance by reducing the load in critical rendering path of browsers.
- Automating the repeated browser tasks and testing using chrome puppeteer nodejs module.
- Build tools : Webpack, grunt, gulp and npm, CommonJS and ES Modules.
- Integration testing with Cypress and TDD using Test runner karma and Jasmine for angularjs
- Search Engine Optimization and HTML email.
- Web performance Optimization using proper caching techniques and browser hints prefetch, service worker and preload and measuring it using lighthouse and pagespeed and webpage test
- Image optimization using client hints and tools like imagemin and modules like mozjpeg.
- Styled components and other styling solutions and SCSS, LESS and CSS frameworks customized for bootstrap and foundation (SCSS), and currently working inbuilt style guide for skynewsarabia.
- Experience in working in RTL(Arabic) Sites
- Worked in templating engines like JSP , nunjucks, Mustache.
- Worked in social media integration with the website for Facebook, Twitter, YouTube.
- Animation in web using proper css animations and using greensock .
- Worked in Hybrid phonegap application(sky news football app) and smart TV application for LG and Samssung (target Env is Browser Engine)
- Fixing the cross browser defects since IE8 times.
- Working with Git and svn version control
- Experience in working with Audio, video elements in the web () JW Player, HLS) and 360 video.
- Working in sublime and vs code.
- Experience in working with geographically distributed and diverse team.
- Worked in Agile SCRUM and waterfall methodology.
- Experience in working with express, mongodb and nodejs.
- Basic BE experience in java.

Certification

-  Microsoft certified professional for programming in HTML5 using JavaScript and CSS3.


Education

-  Bachelor of Engineering (DISTINCTION) in Electronics and Communication from Crescent Engineering College, Chennai , India - 2010.




Interests

- Latest web technologies and trying to match the web with native app like experience with PWA (SW, background sync) and performance optimization for web
- Learning more about the Server environment especially Linux environment and containers and How the internet works(TCP, DNS, HTTP Protocols). Reading more about that and doing small projects.
- Following latest trends and techniques of front end in Twitter my profile is @shmdhussain12
- Doing small cool stuffs and automating tasks in terminal and learning about inner workings of the tech which I am using.
- Reading books especially book apart series, recent book is "Responsible Javascript" by Jeremy Wagner and reading now is "using svg in html5" by Amelia and favorite is "professional JavaScript for web developers" by Nicholas Zakas and Dr Axel's "JavaScript For Impatient Programmers"
- Tinkering with devtools and latest cool things found is puppeteer scripts through recording user actions in chrome .
- Watching conference talks to get to know about trends and latest advancements.
- Learning new tech and trying to dig deep in tech and teaching and sharing with others what I know.
- Automating the repeated boring tasks.
- Playing and watching football and playing fanatsy and rest of time be with friends and family.

About Me

-  Husband. Father. From Chennai India.

In progress

-  Personal blog with 11ty , mongodb express, pug
-  Making the hands dirty with AWS and cloudflare edge workers
-  giving a try for google mobile web specialist certification and aws certification