



MATHAN M

Senior Front-end Developer

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Summary

Innovative frontend developer with 6 years of experience in building high-performance and responsive web applications with proven leadership and meaningfully contributing to teams of various sizes and scopes. Handled different categories like PWA, Accessibility, SEO, and improvised development workflows by incorporating CI/CD, configuring testing frameworks, linting, and bundling. Aspiring to combine broad background with strong technical skills providing high-impact web solutions.

Work Experience

Senior UI Developer

August 2020 - Current

ThoughtWorks, Chennai

- Anchored Story Estimations, Story Analysis, and Client Showcase
- Mentored junior developers and improved their code quality through code reviews and feedback.
- Contributed to Recruitment and Community catchups.
- **Dominos PWA:** Migrated codebase to Typescript
- Boasted Lighthouse score from 25 to 75+ which resulted in increased user engagement.
- Lifted User experience, Accessibility, SEO which increased user conversion rate.
- Enhanced performance by optimising the re-renders, code splitting, tree shaking, and differential serving which reduced bundle size by 50%.
- Enabled PWA, implemented service worker caching, and offline functionality.
- Created reusable AB Testing component.
- **CAT - Undercarriage App:** Implemented Custom routing strategy which helped in caching routes and Implemented component caching, which reduced the number of API calls made on route revisit to zero.
- Worked on CI/CD pipelines and code setup with linting, prettifier, unit tests, and git hooks.
- Parallelized build pipeline tasks which reduced 15mins from overall time.
- **FAB:** Worked on Micro frontend Architecture
- Incorporated RTL, Localisation and Theming.

Web Developer

March 2019 - July 2020

Zoho Corporation, Chennai

- Led the development team in building high-performance marketing pages.
- Implemented a chatbot in webinars and marketing pages, increasing user engagement by 10%.
- Automated code bundling and sprite image generation improved the development workflow.
- Experienced in building reusable components like date picker, carousel, tree, calendar, etc.

System Engineer

October 2015 - March 2019

Tata Consultancy Service, Chennai

- **Hasbro:** Developed product catalogue search and filter modules
- Mentored junior developers with knowledge sharing sessions and code reviews.
- Built custom carousel component with swipe support.
- **Walmart Optumera:** Implemented print feature for Angular Material table with virtual scrolling
- Handled user authentication modules
- **Isometrics:** Build a Hybrid mobile application from the web app
- Automated PDF generation for customer invoices

Skills

Core: Html, Javascript, Jquery, Typescript, Sass, Less, CSS, Tailwind, Angular, NgRx, React, Redux, Redux-Saga, Next.js, Ionic framework, AWS Amplify, Java, Spring boot - Web Services, Styled Components

Tools: Adobe Photoshop, Adobe XD, Webstorm, VS Code, Github, Git Actions, Azure CI/CD

Testing & Analytics: Jest, React Testing Library, Jasmine, Protractor, Google Analytics, App Dynamics

Bundling: Webpack, Workbox, Gulp, PWA

Methodologies: Experienced in Agile approaches, XP Principles, Pair Programming, Mentoring, Feedback Culture

Architecture and Design: Experienced in Mono-Repos and Micro Frontends, Atomic Design patterns.

Personal Projects

Smart Life Insure: A premium and maturity calculator application for LIC agents which is built on Ionic 4.0 framework. It uses pdfmake.js to generate dynamic and bulk pdf's.

Cuber Race: An infinite run mini-game (Like temple run) with simple cubes. Mobile application developed using Unity 2017 .x game engine & the 3d models are developed using Blender.

Angular and CSS Mama: A quick guide about Angular framework with code snippets, examples and Playground for experimenting different CSS properties and learning in detail about them

Education

Bachelor of Technology,
Electronics and Communication Engineering

Graduation: May 2011 - March 2015 GPA: 7.11
Amrita School of Engineering, Coimbatore

Higher Secondary,
Computer Science

Graduation: 2008 - 2009 Percentage: 92.5%
Vevaham Matric Higher Secondary school, Dharapuram

Certifications

1. AWS AppSync and Amplify with React and GraphQL
2. Next.js Dev to Deployment
3. Progressive Web Apps: PWA Masterclass
4. React - The complete Guide
5. Webpack 5 - The complete Guide
6. NgRx - The complete Guide
7. UI and Web Design using Adobe Illustrator