Alan Thomas

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⊙ https://github.com/alanthomasdev   🔲 https://alanthomas.in/

Skills

- **Programming Languages**: Javascript

- **Frontend**: React.js, ES6, CSS3, SASS, Typescript, Angular, Redux, React Native, Ionic, Next.js,

- **Backend**: Node.js (Express), REST API, Nest.js, Strapi

- **Others**: Git, AWS, S3, Docker, Android Studio, XCODE

- **Databases**: MySQL, MongoDB

Experience

- **Full Stack Developer** Creware, India - **April 2022 - Present**

  - Led the Ionic 3 upgrade to support Android API 31 and iOS 15+, ensuring seamless experiences across modern devices.

  - Pushed for a migration from Cordova to Capacitor—cut runtime crashes by 70%, boosted compatibility, and made the team 60% more efficient.

  - Integrated Braintree (PayPal) and Moneris payment gateways with client-side card validation to enforce compliance and reduce checkout failures.

  - Built a dynamic React map featuring clustered markers, country search with polygon overlays, and state-level InfoWindows—all powered by optimized rendering and preloaded donation data on google maps.

  - Developed a coworking space management system with facial recognition authentication, payment integration, real-time space allocation algorithms, and an admin dashboard for monitoring bookings, availability, and revenue analytics.

  Stacks Used: React, Angular, Typescript, Redux, NodeJS (Express.Js), NestJs, Next.Js, React Native, Ionic

- **Frontend Engineer** KITABOO, India - **March 2024 - Dec 2024**

  - Worked on the Kitaboo SDK and implemented specific modular enhancements to support new client requirements.

  - Developed an interactive video player using iframe, enabling rich media playback with in-video interactions

- Optimized cross-platform performance and UI/UX using Lighthouse audits, lazy-loading strategies, and device-specific build tuning.
- Achieved full application responsiveness using adaptive layouts, media queries, and Angular's responsive design patterns.

Stacks Used: Angular, Typescript, Redux, Amazon Codebase, Jenkins

Education

- **Bachelor of Technology - Civil Engineering** – 2016 - 2020
  Kottayam Institute of Technology And Science, Kerala
- **Diploma - MEARN Stack Development** - April 2021 - January 2022
  Luminar TechnoLabs, Kakkanad , Kerala

Personal Projects

- **XpertsPV**
  This project is designed to support the pharmacovigilance community by providing a collaborative platform where professionals can engage, share knowledge, and report insights.
  Stacks Used: Next js, React Hooks, Tailwind, Node JS, AWS, MySQL, PM2, EC2, Motion.
- **Chat App**
  This Project helps users to chat with realtime notifications and message updation.
  Stacks Used: Angular, Typescript, Node.js, Express.js, Socket.io.

Open Source Projects

- **Google-Maps-API**
  https://github.com/alanthomasdev/Google-Maps-API
  Google Maps React Integration: Clusters, Markers, InfoWindows & Polygons.
- **StorageSync.js**
  https://github.com/alanthomasdev/StorageSync
  A tiny JS wrapper for localStorage and sessionStorage with expiry, encryption, and multi-tab sync.
- **tiny-location-input**
  https://github.com/alanthomasdev/tiny-location-input
  A tiny, customizable React location input with autocomplete using GeoNames data.

Achievements & Awards

- Employee of The Month November 2023 - Creware.
- Employee of the Month January 2024 - KITABOO