# AKHIL ARAVIND

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**Dynamic Front-End Developer with over 8+ years of experience** designing and developing scalable, user-focused web applications using **React.js, Angular 2+, and Next.js**. Strong expertise in modern JavaScript ecosystems including **Redux, RxJS, Zustand, React Context, react-hook-form, and React Flow**, along with build tools such as **Vite and Webpack**. Proven track record of optimizing performance, enhancing user experience, and collaborating with cross-functional teams to deliver enterprise-grade digital solutions aligned with business goals.

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## EXPERIENCE

**Front end Team Lead**
Klearcom — Ahmedabad, India
*Mar 2026 –*

- Architected visual call flow builders using React Flow, TypeScript, and Vite, allowing enterprise test engineers to visually design, inspect, and debug intricate multi-branch IVR paths.
- Engineered live telemetry streaming over WebSockets to render high-frequency audio spectrograms, call state transitions, and test results with zero UI frame drops.
- Established frontend architectural standards, modular component libraries, and strict pull request review criteria across distributed engineering squads.
- Spearheaded frontend performance optimizations for high-density tree visualizations and large test datasets, reducing client-side memory overhead by 35%.

**Lead Front-End Developer ( Contract )**
aTeam India Pvt. Ltd — Trivandrum, India
*July 2025 – Mar 2026*

- Designed and implemented front-end application architecture by defining component hierarchy, state-management strategy, reusable UI patterns, and API integration guidelines — resulting in a scalable and maintainable codebase.
- Actively collaborated with clients and product teams to gather business requirements, conduct technical feasibility analysis, and convert functional needs into detailed implementation plans.
- Reviewed code and mentored junior developers, enhancing code quality, improving onboarding experience, and increasing overall team productivity.
- Partnered with UX/UI teams to translate design concepts into intuitive user flows and responsive layouts

**Senior Software Developer**
Device Driven — Trivandrum, India
*December 2019 – July 2025*

- Engineered scalable systems for a high-traffic e-commerce platform, improving load times by 30%.
- Led deployment of features, reducing bug reports by 25% through rigorous testing.
- Mentored  junior developers, elevating team productivity and code quality.

- Partnered with UX/UI teams to enhance user satisfaction scores by 20%.
- Spearheaded architecture discussions, integrating automated testing to cut QA time by 15%.

**Front-End Web Developer**
LabGlo — Trivandrum, India
*April 2019 – December 2019*

- Developed responsive **React**-based UIs, increasing mobile engagement by 40%.
- Optimized site performance, achieving 15% faster load times across browsers.
- Integrated REST APIs and payment gateways, streamlining checkout processes.

**Front-End Developer**
TwinsWay Technologies — Trivandrum, India
*July 2017 – March 2019*

- Built modular, reusable components, reducing development time by 20%.
- Ensured 100% cross-browser compatibility for 10+ client projects.
- Supported integration of dynamic, responsive web interfaces.

**Freelance Fullstack Developer ( Part-Time )**
Freelancer
*February 2016 – May 2017*

- Build full stack applications with php, mySql, jQuery, javascript, jquery Mobile.
- Hosted application and improved SEO.
- Supported integration of dynamic, responsive web interfaces using AJAX and media queries.

**Fullstack Developer ( Part-Time )**
Pixorbe IT Solutions
*May 2015 – January 2016*

- Build SaaS invoice applicaton with php, mySql, jQuery, javascript, jquery Mobile.
- Hosted application as offline/online support.
- Implemented application to create backup on demand and automated
- Implemented automatated deployment and running of aplication on local environment

**e-PubDeveloper**
Aptara Learning Pvt Ltd
*November 2011 – October 2012*

- Build e-books for variaous devices like iPad, kindle.
- Validated content and context to match the generated text content to verify the conversion from pdf to e-books are up to the mark.
- Validated mathematical equations are accurate as per the content
- Manually validated xml data to match the pdf content

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**SKILLS**

- **Core Technologies**: JavaScript (ES6+), TypeScript, **React.js**, **Angular 2+**, **Next.js**, **Node.js,** websocket, React hooks,
- **State Management**: **Redux**, **RxJS**, **Zustand, Context API, Tanstack Query**
- **Styling**: CSS, SCSS, **Tailwind CSS**, **Bootstrap**, **Material UI**, Semantic UI, Grommet, Prime React
- **Data Visualization**: Chart.js, Highcharts, AmCharts, Recharts
- **Tools**: Git, GitHub, GitLab, Bitbucket, JIRA, Trello
- **Practices**: **REST API** Integration, Cross-Browser Compatibility, Unit Testing

**Education**

- **Bachelor of Technology ( Computer Science )**
  College of Engineering Attingal
  ( Cochin University of science and Technology ) (2013-2017)
- **Vocational Higher Secondary Education (Computer Science)**
  State Board of Vocational Higher Secondary Examinations (2006-2008)

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**LANGUAGES**

- English: Professional Working Proficiency
- Hindi: Professional Working Proficiency
- Tamil: Professional Working Proficiency
- Malayalam: Native Proficiency