AJIL JAGADEESH

Full Stack Developer | React · Next.js · React Native · Node.js · NestJS · TypeScript
ajiljagadeesh7@gmail.com | +91 9778246043 | linkedin.com/in/ajil-jagadeesh-07 | github.com/AjilJagadeesh7

SUMMARY

Full stack developer with a frontend focus and 7+ years building and leading web and mobile applications across healthcare, brewing/industrial IoT, QSR, fintech, logistics, and enterprise SaaS. Led frontend teams of 4 to 6 engineers, mentoring juniors and running code reviews and knowledge-sharing sessions, while owning HLD/LLD, frontend architecture, and delivery for consumer mobile apps and enterprise platforms. Work includes greenfield architecture ownership, design systems, large-scale rewrites, multi-version framework migrations, and AI-powered products. Open-source author (rn-gpay) and upstream contributor to the mParticle React Native SDK.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Python, C#, Go, Rust (Tauri), SQL, HTML5, CSS3
Frontend: React, Next.js, Angular (15–19), Three.js / React Three Fiber, Tailwind CSS, shadcn/ui, MUI, Ant Design, Fluent UI, PrimeNG, Chart.js, Milkdown/ProseMirror, embeddable widgets
State Management: Redux, NgRx, Zustand, React Query (TanStack Query), Context API
Backend & APIs: Node.js, NestJS, Express, FastAPI, Flask, .NET, GraphQL, Hasura, REST, WebSockets, BFF patterns
Databases: PostgreSQL, MySQL, SQL Server, MongoDB, Supabase, Neon, Firebase
Mobile & Desktop: React Native, Ionic, Capacitor, Android, iOS, Electron, Tauri, browser extensions (WebExtensions)
Cloud & DevOps: AWS, Azure DevOps (Azure Pipelines), GitHub Actions, CI/CD, Docker, Podman, Bitrise, Cloudflare, Git, Linux
AI & LLMs: AWS Bedrock, RAG, LLM integration, AI chatbots, on-device LLMs (llama.cpp), Whisper speech-to-text
Testing: Jest, Playwright, Cypress, Storybook, unit and end-to-end (E2E) testing
Design: Figma, UI design, design systems, design tokens, accessibility (WCAG), light/dark theming, responsive design
Analytics & BI: Tableau Embedded, Microsoft Fabric, Apache Superset, Amplitude, mParticle, Braze, AppsFlyer
Architecture: system design (HLD/LLD), frontend architecture, end-to-end encryption, technical leadership, mentoring

PROFESSIONAL EXPERIENCE

beON Consult GmbH | Enterprise Application Consultant — Feb 2026 – Present

BrewQuanta · AI brewmaster platform: analytics, insights, recommendations, and alerting across the full brewing process.

- Lead frontend engineer; built the React/TypeScript frontend from scratch and own its architecture: application structure, routing, state and data-fetching layers, and shared component library.
- Built the product design system in Figma and code: themed shadcn/ui library, semantic status tokens, and light/dark themes on Tailwind v4 CSS variables; designed the core dashboard UI (Overview, Data, Traceability, Alerts, KPIs, Actions, Decisions, Autonomy).
- Unblocked frontend delivery ahead of the production backend by containerizing services (Dockerfiles, podman-compose) and running them on an internal company VM; manage project environments and deployments.
- Delivered a proof of concept embedding Tableau analytics in React with Microsoft Fabric row-level security; authored the target design and evaluated self-hosted Apache Superset as a lower-cost BI alternative.
- Contribute to application architecture planning, including the BFF layer; integrate with Python FastAPI services over PostgreSQL.
- Mentor a new frontend developer through architecture walkthroughs, code reviews, and task planning.

Tech: React, TypeScript, Tailwind CSS, shadcn/ui, Figma, FastAPI, PostgreSQL, Docker, Podman, Tableau, Microsoft Fabric

PracticeTek | Lead Frontend Engineer — Jun 2025 – Feb 2026

Patient engagement platform: AI chatbot, embeddable forms, and analytics for healthcare organizations.

- Owned frontend architecture (HLD/LLD) across three product lines: AI chatbot, form builder, and analytics dashboards.
- Mentored 2 frontend engineers through code reviews, design reviews, and pairing, working alongside a team of 6 engineers, 1 QA, and a product lead; drove component, Storybook, and testing standards.
- Built embeddable React widgets deployed on client healthcare websites for chat, forms, and QR-code workflows.
- Developed AI patient-engagement flows on AWS Bedrock (RAG), including real-time AI-to-human agent escalation over WebSockets.
- Built a customizable form builder for patient registration, intake, surveys, and feedback collection.
- Delivered analytics dashboards (Chart.js) covering site traffic, engagement, form performance, and conversion tracking.

Tech: React, Next.js, TypeScript, Zustand, React Query, AWS Bedrock, WebSockets, Chart.js, Storybook, Jest, Playwright, PostgreSQL

VRIZE | Senior Software Engineer / Frontend Lead Oct 2022 – Mar 2025

Zaxby's · consumer ordering & loyalty app for a 900+ location US restaurant chain, 1M+ downloads on Google Play

- Led a 6-member React Native team, stepping up as lead after the senior engineer left the project. Ran code reviews, mentored juniors and a trainee, and held regular knowledge-sharing sessions within a 35-member cross-functional program.
- Architected and documented HLD and LLD for core app features including ordering, loyalty rewards, promotions, payments, and store discovery across Android and iOS.
- Built the Google Pay integration end to end and published it as the open-source rn-gpay package; also integrated FreedomPay and card payments, with the team delivering Apple Pay.
- Upgraded React Native from 0.68 to 0.73, resolving native dependency and build-system breakages across 15+ native modules.
- Led the redesign of the Home and Menu screens, improving navigation and ordering flow across the app.
- Implemented deep linking for campaign, promotion, and navigation flows; integrated Braze, AppsFlyer, Amplitude, and mParticle, and contributed fixes upstream to the mParticle React Native SDK.

Tech: React Native, TypeScript, Redux, Android, iOS, Google Pay, FreedomPay, Braze, AppsFlyer, Amplitude, mParticle, Bitrise

Binder · enterprise sales, distribution & logistics platform (Binder Mobile + Binder ERP)

- Led a 4-member frontend team within an 11-person cross-functional squad (3 backend engineers, 1 designer, 1 product owner, 2 QA). Owned HLD, LLD, and frontend architecture for both applications: Binder Mobile (Angular + Ionic field-sales app) and Binder ERP (Angular web).
- Rewrote and refactored around 80% of the frontend codebase across both applications, replacing legacy NgModule architecture with standalone components and a shared component library.
- Reduced frontend code volume by roughly half, measured with cloc across release branches, by consolidating duplicated UI into a reusable PrimeNG + Tailwind component library and eliminating module boilerplate.
- Executed the Angular 15 → 19 migration across four major versions, including routing modernization and an NgRx state refactor.
- Set up automated CI/CD pipelines in Azure DevOps for both applications.

Tech: Angular 15–19, Ionic, Capacitor, TypeScript, NgRx, PrimeNG, Tailwind CSS, Cypress, Jest, Azure DevOps, PostgreSQL, .NET

RaftLabs | Frontend Engineer Jul 2021 – Aug 2022

WorxSquad · enterprise workforce management & engagement platform

- Built productivity tracking, employee management, and task management modules in React/Next.js.
- Implemented real-time chat, audio calling, and video conferencing with Agora RTC; real-time data via Hasura GraphQL subscriptions.
- Built an internal social feed, a reusable Fluent UI component library, and Electron desktop packaging.

Tech: Next.js, React, GraphQL, Hasura, Redux, Fluent UI, Node.js, PostgreSQL, Electron, Agora RTC

Hoji.xyz · Web3 creator platform & NFT storefront

- Built customizable creator profile pages and NFT storefront UIs in React/Next.js with Solana wallet connectivity and Web3 interactions.

Tech: React, Next.js, TypeScript, GraphQL, Solana, Web3, Tailwind CSS, Node.js, Moralis

Infosys | Systems Engineer Jul 2019 – Jul 2021

- Selected for the Infosys Accelerate Program; built React-based internal applications, optimized SQL queries, and handled production support.

Tech: React, JavaScript, HTML5, CSS3, SQL

OPEN SOURCE

- **rn-gpay:** React Native package for Google Pay integration (TypeScript, MIT). npmjs.com/package/rn-gpay
- **mParticle React Native SDK:** upstream fixes and improvements (PR #196). github.com/mParticle/react-native-mparticle

PROJECTS

- **Kairos:** privacy-first, end-to-end encrypted notes app; designed, built, and released independently with packaging and versioned releases.

EDUCATION

Bachelor of Computer Applications (BCA), Mahatma Gandhi University, Kerala | 2016 – 2019