

AJAY D

Software Development Engineer - II

EXPERIENCE

Software Development Engineer

May 2024 – Present | Technospurs

- Created a cross-platform desktop app (Electron.js + Python) for web scraping, reducing repetitive manual tasks by over 50%.
- Developed AI workflows for transcription, media generation, and Excel automation – 50+ runs weekly to streamline internal operations
- Architected a system that records user input (voice/video) and uses Gemini AI models to convert it into automated task flows – reducing manual coordination efforts by 50%+ through [app.meetkiwi.ai](#).

Software Development Engineer II

June 2023 – March 2024 | Sporfy / TNVL

- Led and mentored a 2-member team, balancing ownership, and collaboration to improve delivery.
- Built a Next.js PWA for [www.ticketprix.com](#) with SSR, SEO, RSC, and push notifications – powering 8+ live events always with 90+ lighthouse scores across .
- Implemented **Module Federation** in 4+ projects for scalable builds.
- Managed real-time scoring, YouTube live, and LED display coordinating across teams to deliver 90+ player stats for TNVL – [www.tnvl.in](#).
- Maintained a Storybook worked by 20+ frontend developers, introduced code splitting and tree shaking for better DX and performance.

Full Stack Engineer

August 2021 – June 2023 | Sporfy / Thiram

- Integrated Next.js views into a Flutter app (Sporfy Organize) used by 40+ sports organizations, bridging web, and mobile experiences.
- Optimized interactive scoring and stat UIs with HTML5 Canvas, deployed across 10+ sports with Firebase real-time updates.
- Built [www.thiramsports.com](#) website for sport class booking using **Nuxt.js/Vue**, handling payments via Cashfree under 1 month.
- Created **Sporfy Tracker** Flutter app with Redux + Dio, prioritized scheduling, and payment for 4+ orgs and 300+ users.
- Worked on 10+ admin screens in angular for [www.sporfy.com](#).

PROJECTS

- Engineered a story-to-video pipeline using AI-generated stories, image prompts, web scraping for images, and Blender scripting for YouTube content for channel [www.youtube.com/@OurGloriousPast](#) .
- Developed Progressive Web App using Next.js, Turborepo, and Serwist for offline-first real-time sports scoring [www.sports-rizz.vercel.app](#) .

CONTACT

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SKILLS

Languages

TypeScript, JavaScript, Python, Dart, HTML, CSS

Frameworks & Libraries

Next.js, React.js, Node.js, Flutter, Fast API, Electron.js

Tools & Technologies

Turborepo, Redux Toolkit, Tailwind CSS, Playwright, Docker, Git, Jira, Odoo, WebSocket, PWA, Jest

Databases

MongoDB, Firebase (Firestore, RealtimeDB), Supabase

Cloud & Deployment

AWS (Media Live), Vercel, Render, Firebase Hosting

Payment Gateways

Cashfree, Juspay, Razorpay.

ACHIEVEMENTS

- Received 2 quarterly performance awards at Sporfy
- Promoted to SDE-2 directly from full stack dev.

LANGUAGES

English, Tamil, Malayalam.

EDUCATION

KPR Institute of Engineering and Technology
B.E Mechanical Engineering | 2018-2022

8.5 CGPA

SUMMARY

Full-stack engineer with strong frontend instincts and production-ready backend skills. Known for owning features end-to-end, adapting across tech stacks, and delivering clean, maintainable solutions that users depend on.