Aryan Dev Shourie

📞 +91 9915432562 ✉ shourieayandev@gmail.com in LinkedIn ⦿ GitHub ⊕ Portfolio

Summary

Frontend Engineer specializing in building **performant, intuitive, and responsive web applications** across **browsers and Smart TVs** (LG webOS, Samsung Tizen). Experienced in modern JavaScript, React, Next.js, UI engineering, component architecture, accessibility, streaming-app UI, and platform-specific performance optimization. Proven ability to improve UX, reduce load times, and create scalable frontend systems.

Skills

- **Frontend**: JavaScript (ES6+), TypeScript, React JS, Next JS, HTML5, CSS3, SCSS, Smart TV video player experience, Tailwind CSS, Redux, WCAG Accessbility Guidelines, Accessibility (a11y)
- **Tooling**: Grunt, Gulp, Webpack, Vite, NPM, yarn, Babel, ESLint, Prettier, Git, GitHub, BitBucket, JIRA Expertise, Version Control
- **Smart TV Development**: LG webOS, Samsung Tizen, Tizen Studio, webOS CLI
- **Backend (for frontend)**: Node, Express.js, RESTful APIs, GraphQL
- **Cloud & DevOps**: AWS S3, CloudFront, Docker, Firebase, Azure, Google Cloud Platform
- **Databases**: MongoDB, MySQL

Experience

- **Associate Software Engineer — Frontend (Contract) — Web & Smart TV**
  Xperi Inc. (Remote)   *July 2024 – Present*
  - Engineered UI enhancements and streaming-app experiences for **PayTV/TiVo** Smart TV and browser apps, ensuring smooth navigation and consistent UX across **Samsung Tizen and LG webOS platforms**.
  - Implemented **client + server-side Dynamic Ad Insertion (DAI)** enabling personalized ad experiences; improved ad-load reliability across regions.
  - Developed the **Home Page Hero** feature, a highly UI-centric advertising module that displays ads from multiple providers across browsers and Smart TVs, **directly contributing to revenue generation** and improving ad visibility within the app.
  - Refactored large React codebases by converting class components to functional components with hooks, reducing re-rendering and improving maintainability.
  - Improved deployment reliability by maintaining **PCC (Production Change Control)** and URL Remap scripts across environments using JIRA workflows.

- **Software Engineering Intern — Frontend**
  Xperi Inc. (Remote)   *July 2023 – July 2024*
  - Developed modular, responsive **React UI components** optimized for laptops and Smart TV screens; improved input latency and navigation performance on TV devices.
  - Improved code quality by integrating **ESLint + Prettier**, raising code consistency and reducing PR cycles.
  - Used AWS S3 + CloudFront to deploy static applications with reduced load-latency and global CDN distribution.
  - Built Node.js/Express backend utilities to aggregate API calls into a unified endpoint, **reducing app launch API roundtrips**.
  - Worked closely with Tizen Studio and webOS SDK to debug, build, and deploy streaming apps directly on Smart TV hardware.

Projects

- **PromptAI — AI Prompt Sharing Platform**: Designed and developed a polished, responsive frontend allowing users to create, browse, and search AI prompts with tag-based filtering and smooth UX interactions. Implemented secure Google OAuth and optimized prompt rendering for instant search results. **Tech:** React.js, JavaScript, Tailwind, MongoDB ↗*

- **ZING — Full-Stack Social Media App**: Built interactive UI for creating, liking, saving posts, implementing optimistic UI, and scalable state architecture. Designed responsive layouts using Tailwind + shadcn-ui and improved perceived performance with lazy-loading UX patterns. **Tech:** React.js, Tailwind, shadcn-ui, Appwrite, React Query ↗*

Education

- **Chitkara University**   Punjab, India
  B.E. Computer Science; CGPA: 9.80   *2020 – 2024*

- **Government Model Senior Secondary School**   Chandigarh, India
  Higher Secondary: Non Medical; Percentage: 94   *2018 – 2020*

- **Saupin's School**   Panchkula, India
  Secondary: Maths and Science; Percentage: 93   *2005 – 2018*