

ARYAN DEV SHOURIE

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EDUCATION

- **Chitkara University** Punjab, India
Bachelors of Engineering: Computer Science; CGPA: 9.9 October 2020 - August 2024
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Web Development, Machine Learning, Networking, Databases
- **Government Model Senior Secondary School (C.B.S.E)** Chandigarh, India
Higher Secondary: Non-Medical; Percentage: 94 March 2018 - June 2020
Courses: Mathematics, Science, English, Physical Education
- **Saupin's School (I.C.S.E)** Panchkula, India
Secondary: Maths and Science; Percentage: 93 March 2005 - April 2018
Courses: Mathematics, Science, English, Hindi, Physical Education

EXPERIENCE

- **Software Engineering Intern**
Xperi Inc. (Remote) July 2023 - July 2024
 - Developed responsive, **cross-platform UI components** using React and SCSS, optimized for multiple screen resolutions including laptops and Smart TVs (LG webOS and Samsung Tizen platforms).
 - Enforced consistent code quality and styling standards by **integrating ESLint and Prettier** into the development workflow.
 - Utilized AWS S3 and CloudFront for **scalable and secure deployment** of static web applications.
 - Engineered Node.js and Express.js backend services to **optimize application launch performance** by aggregating multiple API calls into a unified execution layer, reducing client-server roundtrips.
 - Contributed to Smart TV streaming applications (PayTV/TiVo) by utilizing **Tizen Studio (Samsung) and webOS SDK (LG)** for platform-specific development, debugging, and deployment on TV hardware.
- **Contractor - Associate Software Engineer**
Xperi Inc. (Remote) July 2024 - Ongoing
 - Implemented **client and server side Dynamic Ad Insertion (Programmatic DAI)** in media streaming services, enabling personalized ad delivery **based on region, user preferences, and viewing behavior**.
 - Authored and maintained **Production Change Control (PCC) and URL Remap scripts** within the JIRA workflow for both Browser-based and Smart TV PayTV applications, ensuring seamless environment transitions and endpoint updates.
 - Worked on CI/CD deployment processes using tools like **Docker, Jenkins and Consul** for deploying the application on Production, QA, and other lower environments.
 - Refactored legacy React codebases by **converting class-based components to functional components** with hooks, addressing Tech Debt and improving performance, maintainability, and consistency.
 - Documented deployment workflows and build procedures using Confluence, **enabling standardized release practices** and knowledge sharing across the Web client team.

SKILLS

- **Languages:** JavaScript, C++, HTML, CSS, SCSS
- **Frameworks:** ReactJS, NextJS, NodeJS, ExpressJS, Mongoose, REST API, HandlebarsJS, Bootstrap, Tailwind CSS
- **Databases:** MongoDB, MySQL
- **Tools:** AWS (S3, Cloudfront), Jenkins, GoCD, Consul, Jira, ESLint, Prettier, VS Code, Git, GitHub, BitBucket
- **Platforms:** Tizen Studio, webOS
- **Core Skills:** Web and Smart TV Development, CI/CD Architecture, Data Structures, OOP, DBMS, Operating Systems

PROJECTS

- **PromptAI - An AI prompting tool:** An AI Prompt sharing platform with an intuitive interface and rich functionality. Users can effortlessly **explore, create, and share AI chatbot prompts**, copy them for use anywhere, and discover prompts through **keyword or tag search**. The app also features secure **Google Authentication** for login/logout and a profile section to edit or delete personal prompts. Tech: Next.js, JavaScript, Tailwind CSS, HTML, MongoDB 🦉
- **ZING - A Full Stack Social Media App:** A feature-rich **social media application** with an elegant and responsive design. Users can seamlessly **create, browse, like, and save posts**, as well as follow and view other users' profiles. The platform also includes a **secure and scalable authentication system**. Tech: JavaScript, React, Tailwind CSS, shadcn-ui, Appwrite, React Query 🦉