Aromal Anil

Senior Frontend Engineer

📍 Kerala, India

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PROFESSIONAL SUMMARY

Innovative Senior Frontend Engineer with over 3+ years of experience in architecting and developing high-impact web applications. Recognized with the Edison Award for innovative problem-solving at Razorpay. Proficient in JavaScript, TypeScript, React, Svelte, and full-stack development, with a strong foundation in backend technologies. Proven track record in leading critical projects, mentoring teams, and delivering scalable, high-performance solutions.

EXPERIENCE

Razorpay   Oct 2023 – Present
Senior Frontend Engineer   *Bangalore, India*

- **InstantEMI**: **Architected** and developed a "Buy Now, Pay Later" service integrated into Razorpay Checkout, featuring Aadhaar verification, E-Sign, Selfie KYC etc, using **React, TypeScript, and Tailwind**.
- **Device Management System**: Created the **frontend architecture** and **technical specifications** for a Device Management platform for banks to monitor and manage **Razorpay POS devices**.
- **Razorpay Checkout**: Made key feature contributions to the affordability stack, supporting **150+ million transactions** per month.
- **Leadership & Mentorship**: Interviewed **15+ candidates** and mentored junior developers, fostering team growth and skill development.

Razorpay   Aug 2021 – Sep 2023
Frontend Engineer   *Bangalore, India*

- **Native OTP**: Re-architected the microservice using **Playwright** and **TypeScript**, boosting card support from **25% to 80%**. Developed a custom rule engine with a **90% success rate** for new OTP pages.
- Awarded the **Edison Award** for innovative problem-solving in the Native OTP project, significantly improving card support and transaction success rates.
- **Affordability Widget**: Led the development, improved **Lighthouse score by 20%**, and created a web component version to enhance integration flexibility.

Entri   Dec 2020 – March 2021
Frontend Intern   *Remote, India*

- **Contributed to rearchitecting** the Entri web app, converting **Figma designs** to responsive web pages.
- Developed **custom React hooks** and integrated **FreshChat** AI-based customer support into the platform, improving user engagement.

Pixenova   Dec 2020 – Jul 2021
Co-Founder   *Cherthala, India*

- **J4Joli**: **Architected and developed** the backend for this job listing platform with **20,000+ paid users**. Implemented **JWT & OTP-based authentication**, user role management, and **payment gateway integration** using **Node.js, Express, and MongoDB**.
- Successfully **delivered two client projects**, handling full-stack development, system architecture, and customer relations.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3
Frameworks: React, Svelte, Tailwind, SASS/SCSS
Developer Tools: Git, GitHub, Docker, VS Code, Figma
Libraries: Redux, Axios, Jest, Vitest, Playwright

PROJECTS

Polygram | *React, Javascript, SCSS, Node.js, Express, MongoDB* 2021
- **Architected, designed, and developed** a social media web app using the **MERN stack**. Features include **JWT-based authentication**, **Google Login**, **Dark Mode**, **Push Notifications**, and custom-designed UI.

React Rhino | *React, Typescript, Context API* May 2018 – May 2021
- Developed an **ultra-lightweight state management library** ($\sim$ 600 bytes) with **TypeScript support** using the **Context API** of React.

Worker Man | *Node.js, Typescript, Worker Thread* 2023
- Created an **npm package** offering a **simple API** to consume worker threads in **Node.js** with zero dependencies and a size of only $\sim$ 400 bytes.

WhatSend | *SvelteKit, Typescript* 2023
- Developed a **web application** using **React** and **JavaScript**, later migrated to **SvelteKit** and **TypeScript**. It's a TWA listed on the Play Store that allows users to send WhatsApp messages without saving contacts.

EDUCATION

APJ Abdul Kalam Technological University Cherthala, India
B.Tech in Computer Science and Engineering *2017 - 2021*
- **Founded and led Pixenova**, developed the official college website, and made notable open-source contributions.

ACHIEVEMENTS

- **Edison Award** for innovative problem-solving at Razorpay.
- **Founded Pixenova** and successfully delivered high-impact projects **during college**.