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Full-Stack Developer with 2.6 years of experience in building scalable web applications .
Passionate about solving real-world problems through technology and optimizing performance-driven applications.

Skills

- **Frontend:** JavaScript, TypeScript, React, Recoil, Tailwind, HTML, CSS
 - **Backend:** Node.js, PostgreSQL, Supabase, EMQX, Bash
 - **DevOps & Cloud:** Docker, CI/CD, Digital Ocean, S3, Nginx
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Experience & Projects

1. Custom Dashboard

- Built a dashboard to display real-time data for 4K+ devices.
- **Frontend:** Displayed static (city, device name) and dynamic data (location, online status, active hours, running content) in tables & charts. Integrated performance report generation in CSV & UI.
- **Backend:** Processed device data from EMQX (Docker-hosted) to Supabase PostgreSQL. Automated multiple report generations & email distribution using cron jobs.

2. Automated Script (Automated Data Extraction & Filtering)

- Extracted CSV data from client servers every hour & filtered it before storing it in the database.
- Built APIs to push refined data to internal software, which was displayed on large multi-screen setups across multiple locations.

3. Bulk Video Upload to 2K+ Screens Across India

- Developed an Electron-based app with Bash scripting to automate bulk video uploads.
- Users could store multiple videos in folders & upload them with real-time logs, CSV generation, and error tracking.

4. Xtravu Real-Time Content Update (currently working)

- Designed a real-time content management system with three components: an app, EMQX, and a web platform.
- Users could create playlists, assign them to devices in real time, update/delete playlists, modify durations, and manage media (images/videos) dynamically.

5. Side Project - Digital Asset Management

- Built a personal cloud-based chat-like platform where users can store and organize digital assets just like WhatsApp but for files.
- **Tech Stack:** TypeScript, React, Recoil, Tailwind (Frontend) | Node.js, Digital Ocean, S3, Nginx, CI/CD (Backend).
- Users can create folders (akin to capsules), upload and manage images, screenshots, videos, and documents, search within their stored content, and download files anytime. A streamlined, private space to store and retrieve important assets efficiently.