Shaban Khawar

Fullstack Engineer

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Projects

Cleft Notes, *Fullstack Engineer* ↗

Cleft Notes is an AI-powered app that turns voice memos into written, summarized notes and more.

- **Migrated** backend from PHP to a modern **Express.js** server, improving scalability and maintainability.
- Developed core AI pipeline: transcribed audio via **Whisper**, processed summaries using **OpenAI**, and securely stored data in **PostgreSQL & S3**.
- Implemented integrations with **Notion & Google Docs** using **Nango**, enhancing user workflows.
- Built a subscription system using **Stripe**, and later successfully synced all customers to **RevenueCat**.
- Engineered a **lambda** function with **FFmpeg** to merge audio files efficiently.
- Created a public note-sharing feature via **Next.js** for easy content distribution.
- Ensured robust security and privacy by encrypting all note data.
- **Scaled** platform to **10,000+ users** and **1,400+ paying subscribers**, driving significant growth.

Calling All Kids, *Frontend Lead* ↗

CAK is mobile based kids education platform, which utilizes voice-generation tools to help parents educate their children.

- Lead frontend engineer; owning ticket distribution, sprint deadlines, and cross-functional coordination while providing ad-hoc backend support.
- **Orchestrated a full migration from Create React App to Vite**, slashing bundle size and load times by **10×**, aligning the stack with modern industry benchmarks, and future-proofing scalability.
- **Integrated React Query** to implement intelligent caching, eliminate stale data issues, and reduce API round-trips by **~40 %** (measurable via Lighthouse), dramatically improving offline resilience and UX.
- **Architected an AWS EFS + FFMPEG pipeline** for real-time audio processing; auto-hashed files by transcript, enabling **sub-second retrieval** and cutting storage bloat by **60 %**.

- **Served as primary client liaison**, translating feedback into prioritized **Asana** tickets and shipping **3 major iterations** ahead of schedule.

Yac, *Fullstack Developer* ⧉

Yac is an alternate to Slack and Zoom, throwing away fixed meeting times and replacing them with async meetings done via voice messages and screenshare recordings.

- Primarily focused on frontend, with some backend responsibilities.
- Was part of a major **rewrite** converting the web-app from **React** to **Vue.**
- Harnessed techniques such as **dependency injection** and **inversion of control** using **InversifyJs**.

Yac Send, *Fullstack Developer* ⧉

Yac Send is a web app for sharing text, code snippets and all sorts of files.

- Full-stack focused role, utilizing **Uppy** to upload files and text, using **VueJS, Nodejs, and AWS**.
- Linked Uppy to drop files into an **AWS S3** bucket, and also create records in **DynamoDB**.
- Used a random name generator to generate URLS, where users can access their saved/sent files, while also having the option to password protect them.
- Used **PrismJS** to add a code editor with options for multiple languages.

Employment History

Brackets, *Fullstack Engineer*   Jul 2025 – Present

Cleft Notes, *Backend Engineer* ⧉   Feb 2024 – May 2025

Jinnbyte,   Jul 2023 – Oct 2024
Fullstack Engineer and Frontend Team Lead ⧉

Sofriendly & Yac.com, *Fullstack Developer* ⧉   Feb 2021 – Apr 2022

Skills

Languages: Javascript, Typescript, Python

Libraries/Frameworks: React, Next.js, Vue.js, Redux, Tailwind, Styled Components, SASS, LESS, Express.js, Nest.js, Socket.io

Databases: PostgreSQL, MySQL, MongoDB

DevOps: AWS (EC2, EB, S3, Cloudfront, Lambda, EFS), Firebase, Netlify, Heroku

Misc. Tools: Git, Github, GitLab, Shadcn, Docker, Nango

References

Please reach out to me and I will provide professional references, thanks!