

Saud Tauqeer



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References

Gavin Dove, CEO, Fluent.co
gavin@fluent.co

Yaniv Silberman, CTO, Fluent.co
yaniv@fluent.co

Justin Mitchell, CEO, Sofriendly.com
justin@sofriendly.com

Skills

Node.js ● ● ● ● ●
Typescript, React.js, Next.js, Aframe.js

GraphQL ● ● ● ● ●
Apollo, Type-graphql, Apollo Studio

AWS ● ● ● ● ●
Elasticbeanstalk, Gateway, RDS, CodePipeline, Route53, DMS, Lightsail, Lambda, Cloudwatch, Cost management

Postgres ● ● ● ● ●
Typeorm

About Me

- I've been a gamer since I was a kid, and that's what got me started with software development. I would tinker with cheat engines to give myself god mode and infinite ammo to troll other family members.
- Recently I discovered an exploit in Dead By Daylight inventory system and used to give myself items for months before I was banned. No players or devs were harmed by this exploit, as the items could not be sold on a secondary market.
- I used to be a Global elite CS:GO player, but haven't played for a while. I picked it up again recently with the CS:GO 2 release, and play just for fun now. Let's hop on a game sometime!

Professional Experience

Founding Engineer, *Fluent, Canada*

2020 – 2023 | Remote

Key Responsibilities:

- Architected and maintained backend system to support over **50k installs**, with surges of **1000's of installs** per hour.
- **Responsible for the stability of the entire backend**. Set up **real-time tracking**, and was the **first to respond** to system issues and critical errors, preventing downtime, and revenue loss from frustrated users.
- **Set up complete payment infra** for consumer SaaS via Stripe, including coupon and referral codes, email and trial automations, multi-currency.
- Architected and maintained zero downtime deployments on AWS Elastic Beanstalk using AWS CodePipelines.
- Supported **world-class NLP** and **AI researchers**, setting up custom NLP **environments** so they could work more quickly and efficiently.
- Developed **custom Slackbots** to track backend performance and errors, enabling rapid response to critical errors, minimizing downtime, and enhancing team communication.
- Developed **custom analytics system** for marketing pipeline, tracking individual users from first engagement with marketing assets, to on-boarding, and finally product engagement.

Achievements:

- **Enhanced load times** by **3x** and **retention increase of 20%** by applying Brotli encoding to reduce a dictionary JSON file size from **10.5MB to 1.43MB**.
- **Reduced churn by 50%** by introducing a caching mechanism for the database stored dictionary, **cutting fetch times** from **16.27s to ~160ms**.
- **Reduced cost by 50%** (\$900/month) by **migrating production data** from RDS to Aurora Serverless using **AWS DMS**, ensuring data **integrity** throughout the process utilizing **continious replication**.
- **Responsible** for a **50% increase in new trials** by developing a mobile on-boarding flow for Fluent's TikTok marketing flow.
- **Successfully mitigated a DDoS attack** by leveraging **AWS Gateway**, fortifying server configurations, and **optimizing NGINX** on **Elastic Beanstalk** for enhanced resilience.
- **Enhanced Developer experience** and **performance** by addressing **outdated Node.js** dependencies, refined **webpack bundling**, and revamped the **server setup** with **Apollo** and **TypeORM**.

Full-stack Developer, *SoFriendly, USA*

2018 – 2020 | Remote

DraftXR : A no-code platform transforming Adobe XD artboards into 3D VR environments.

Key Responsibilities:

- **Led** the development of DraftXR, covering the backend, frontend, and Adobe XD plugin.
- Collaborated with the XD plugin **developer success team** to ensure the plugin met XD standards and provided valuable feedback.
- Managed DevOps, ensuring smooth deployments and system stability.
- Translated **Figma designs** into functional frontend components using **Next.js**.
- Achievements:
 - Developed an **open-source** library for the **XD plugin ecosystem**, which gained traction and was adopted by various projects.
 - Played a pivotal role in the **micro-acquisition** of DraftXR, overseeing the transfer of assets, databases, domain ownership, and AWS configurations.

Yac : A platform allowing users to communicate via voice messages and asynchronous screen shares, reducing the need for lengthy meetings.

- Contributed to backend development using TypeScript, Node, and Hapi.js.
- Enhanced application performance by identifying and **fixing memory leaks**, leading to smoother animations in the React-based UI (Electron).
- Automated essential internal operations by **crafting SQL scripts**, streamlining processes like user data deletion across related tables.