# Shaban Khawar

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## EXPERIENCE

**SoFriendly & Yac.com**                                                                                           2021

SoFriendly is an Orlando based software development agency that operates as a **globally distributed team**. Alongside client projects, SoFriendly's main focus is their VC funded project called yac.com.

I've worked on multiple projects here, doing rewrites and refactors, API development and third-party API integrations, deployment and some front-end work. Some notable projects I've worked on have been Yac, Yac-Send, LaunchTutor and ByChance.

**Yac** ⧉

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 backend focused role with bits of frontend responsibilities.
- Fulfilled and wrote tickets independently while keeping in **sync with a distributed team of engineers** by employing the **Gherkin pattern**.
- Automated internal tasks by writing **SQL scripts** such as hard deleting a user and it's referenced properties from all related tables.
- Harnessed techniques such as **dependency injection** and **inversion of control** using **InversifyJs**.

**Yac Send** ⧉

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 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.

**LaunchTutor** ⧉

Launchtutor allows you to filter bloated/fake votes in a Product Hunt post and as well presents the raw data used in the calculation.

- **Full-stack** focused role, integrating Product Hunt's GraphQL API using **React**, Nodejs and GraphQL-request.
- Created an algorithm to detect fake users and calculate their fake percentages depending on various factors.
- Developed an effective **Queue** system that was based on the cooldown period Product Hunt API imposes after it reaches a certain **complexity threshold** for requests from our side.
- Improved the Queue to accommodate multiple requests, drastically **reducing queue times by 50%**.

**ByChance**

ByChance is a way to help foster children have debit cards, which can be recharged by donations.
- Integrated Privacy's API and deployed via **AWS CDK**, while using Webflow for the front-end.
- Added the ability to create and recharge cards in a sandbox environment.
Privacy's API would not allow to create cards in a production environment and they did not respond to any inquiries in our emails, so the project was put on hold indefinitely.

## SKILLS

- Javascript
- Nodejs
- DynamoDB
- HTML & CSS
- Styled Components
- Typescript
- Socket.io
- MongoDB
- Flexbox & CSS Grid
- Reactjs
- Amazon Web Services
- MySQL
- Bootstrap
- Vuejs
- Electronjs
- Heroku
- Tailwind

## REFERENCES

**Saud Tauqeer**, *Software Engineer*, fluent.co
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**Justin Mitchell**, *CEO*, SoFriendly
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