GOING SERVERLESS

WITH **LESSPOD**

SAI KRISHNA

CO-FOUNDER & CTO, SPOTPLAY

- Previously built 'mHotspot' (7 Million+ downloads)

- Developed multiple Apps & Games

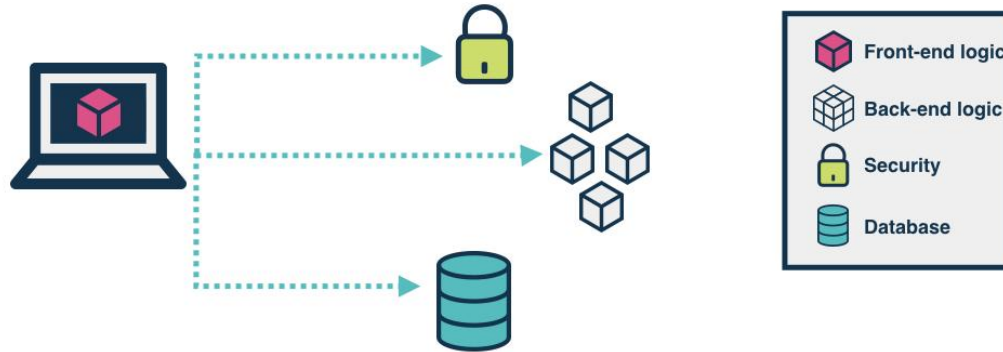- Loves Food, Movies & Games (Virtual)

http://saikrishna.me

TRADITIONAL vs SERVERLESS

TRADITIONAL

SERVERLESS
(using client-side logic and third-party services)

Front-end logic

Back-end logic

Security

Database

source: gocd.org

WHY SERVERLESS?

just the saddest server
@sadserver

if @uber cannot be bothered to respect Asimov's first law, then I don't see why the rest of us should

1:33 PM - 19 Mar 2018

WHY SERVERLESS?

- No maintenance woes

- No scaling woes

- Pay for function calls

FUNCTIONS AS A SERVICE *[FAAS]*

MORE SERVERS = MORE POLLUTION

- Data center carbon emissions exceeded air travel in 2015

- 16 million websites are added to the internet every month

- 28% of the websites are wordpress installations

LESSPOD

- Serverless alternative to Wordpress

- Modular front-end & back-end

- No recurring hosting fees*

- Open-source

https://lesspod.org

(WIP, looking for contributors)

Lesspod
Serverless Blogging Engine

Lesspod

Serverless Blogging Engine

Email

✉ e.g. alexjohnson@gmail.com

Password

🔒 ********

☐ Remember me   Forgot Password?

LOGIN   CREATE ACCOUNT

>

ALL POSTS BY RAJAN CHANDI

5 Posts   **NEW POST**   Search posts...   **SEARCH**   Order by   Publish date ⌄

new image post

June 6, 2018 . Rajan Chandi
This is an image post.

Edit · View · Delete

Test Stuff

June 6, 2018 . Rajan Chandi
It looks like you're using the development build of the Firebase JS SDK. When deploying Firebase apps to production, it is advisable to onl...

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Super duper post

June 5, 2018 . Rajan Chandi
Denote simple fat denied add worthy little use. As some he so high down am week. Conduct esteems by cottage to pasture we winding. On ass...

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Just another post

June 5, 2018 . Rajan Chandi
An sincerity so extremity he additions. Her yet there truth merit. Mrs all projecting favourable now unpleasing. Son law garden chatty te...

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Rendered her for put improved concerns his. Ladies bed wisdom theirs mrs men months set. Everything so dispatched as it increasing pianofo...

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A brand new post

June 5, 2018 . Rajan Chandi

Rendered her for put improved concerns his. Ladies bed wisdom theirs mrs men months set. Everything so dispatched as it increasing pianoforte. Hearing now saw perhaps minutes herself his. Of instantly excellent therefore difficult he northward. Joy green but least marry rapid quiet but. Way devonshire introduced expression saw travelling affronting. Her and effects affixed pretend account ten natural. Need eat week even yet that. Incommode delighted he resolving sportsmen do in listening.
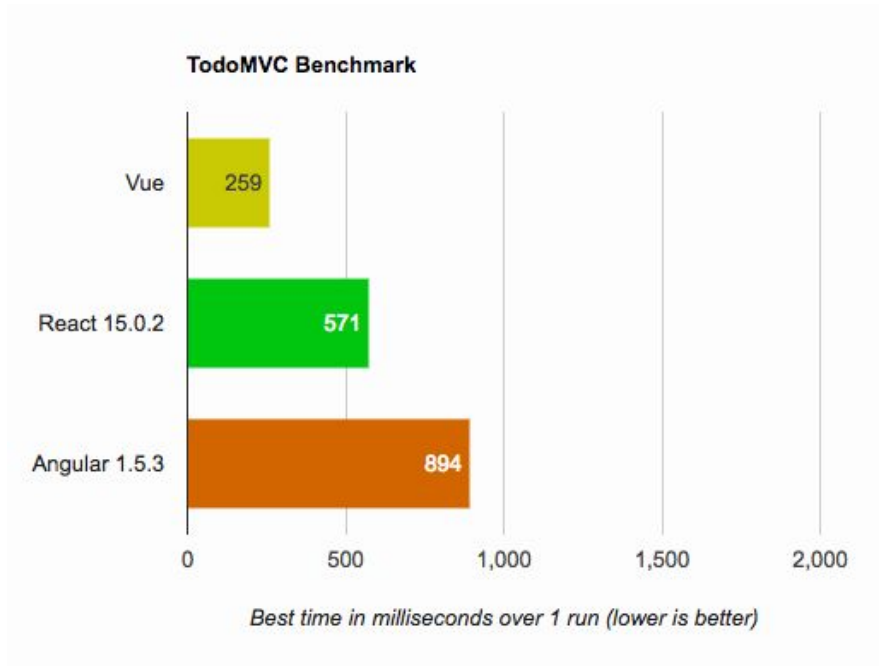
Barton waited twenty always repair in within we do. An delighted offending curiosity my is dashwoods at. Boy prosperous increasing surrounded companions her nor advantages sufficient put. John on time down give meet help as of. Him waiting and correct believe now cottage she another. Vexed six shy yet along learn maids her tiled. Through studied shyness evening bed him winding present. Become excuse hardly on my thirty it wanted.

Supplied directly pleasant we ignorant ecstatic of jointure so if. These spoke house of we. Ask put yet excuse person see change. Do inhabiting no stimulated unpleasing of admiration he.

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FRONT-END

- Vue

- React (Give a Shout!!)

- ~~No Angular~~

TodoMVC Benchmark

Vue — 259
React 15.0.2 — 571
Angular 1.5.3 — 894

Best time in milliseconds over 1 run (lower is better)

VUE

- Framework (Routing, State Management)

- Light-weight (20kb gzip)

- Fast

- Easy to Learn

- Relatively new

REACT

- Library

- No out-of-box Routing and State Management

- Huge developer community

- Huge number of third-party addons

- Light (45kb gzip)

BACK-END

- Firebase

- AWS (Next in Pipeline)

FIREBASE

- Cloud Firestore (Fancy name for database)

- Hosting

- Storage

- Cloud Functions

- Authentication (Web, Social, Phone)
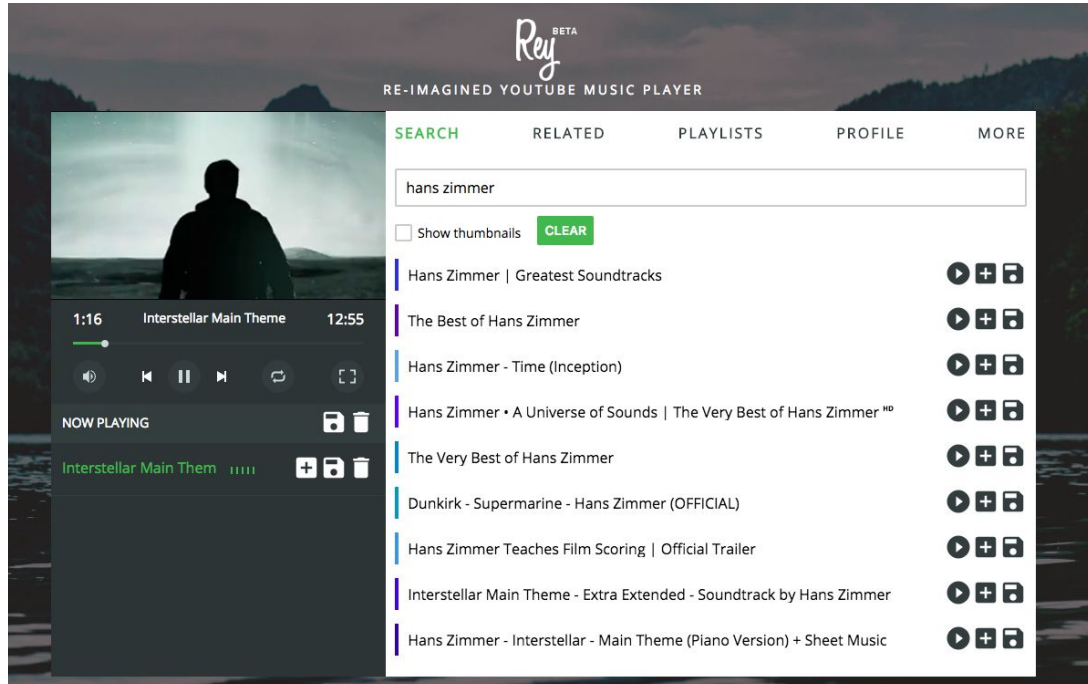
FREE PLAN SHOULD BE ENOUGH FOR MOST OF THE WEBSITES

FUTURE

- Theming system

- Automate deployment of sites

DEMO

SHAMELESS PLUG

reymusic.co

THANK YOU