

SHAJAN JACOB

Full Stack Web Developer

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Cochin, India

EXPERIENCE

Software Engineer / Cubet Techno Labs / Oct 2017 - Present

- Involved in architecting and building custom APIs for company's core projects.
- Published *ffmpeg-sdk* NPM package, which is a NodeJS wrapper for FFMPEG (multimedia processing software) that served as a core utility for an online dubbing studio project.
- Built chat engine for twitter that can handle multiple chatbots in a single NodeJS instance.
- Implemented text/audio chat using sockets for a realtime multiuser project.
- Worked on the serverless platform using AWS lambda / Firebase FaaS.
- Involved in most of the backend development cycles from project setup, DB design, server setup, application logic, documentation, testing and continues deployment.

PROJECTS

- VVOIZ - Online platform for dubbing**
Built all backend functionalities for managing users, roles, chat, dubbing flow, video and audio processing. Built NodeJS wrapper package for *FFMPEG* module.
NodeJS | MongoDB | ExpressJS | FFMPEG | Firebase | Socket | JWT | Swagger
- Total Parts Plus - Obsolescence Management Module**
Built backend functionalities for handling insertion and filtered view of data thats around million records.
NodeJS | ExpressJS | PostgreSQL | NodeMailer | XLSX
- BBCream - Dating and dining**
Built entire backend functionalities for authentication, chat, point system, cron jobs.
NodeJS | ExpressJS | MongoDB | Push Notifications | Firebase | Cron
- Alis - Conversational Assistant**
Built a chat engine that can handle multiple twitter chatbots at the same time.
NodeJS | Redis | ExpressJS | IBM Watson | Twitter SDK
- Termite - Survey platform for furnitures and surroundings**
Backend functionality implementation.
NodeJS | ExpressJS | Mocha | PostgreSQL
- Resto - Dining platform for upscale restaurants.**
Roles Integrated stripe payment system and point system for users depending on their activities and invitations.
NodeJS | Express | MongoDB | Elastic Search | Stripe
- YourCause - Grants Management for corporates**
Built workflows for managing grants and grantees
NodeJS | ExpressJS | MongoDB | Nodemailer

Software Engineer / Alt-s Solutions / May 2017 - Oct 2017

- Involved in building logic and dashboard for a CRM project.

PROJECTS

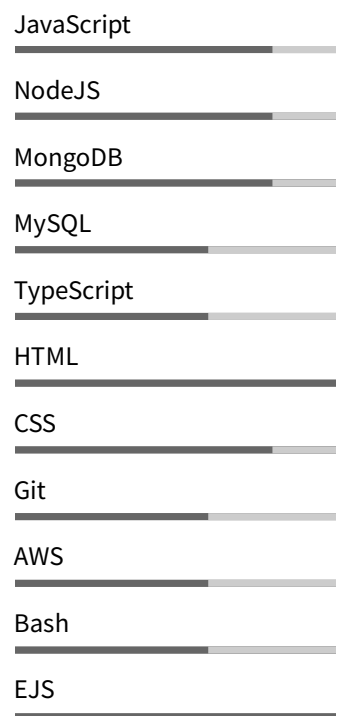
- MyOfficeBag - Online platform for dubbing**
Built analytics and reports using ChartJS and D3JS.
PHP | MySQL | ChartJS | Bootstrap

OBJECTIVE

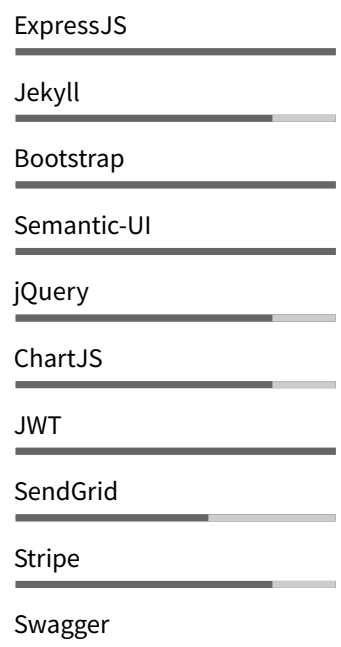
Passionate software engineer seeking an appropriate position in an organization to grow and build modern applications for the web.

SKILLS

Technologies



Libraries



HOBBY PROJECTS

- **Meemi** - Online ornamental fish store
Online fish store, forum, store locator and wiki.
<http://meemi.in>
NodeJS | ExpressJS | MongoDB | Elastic Search | SemanticUI
- **Ace Of Spades** - Realtime online multiplayer card game
Multiplayer online card game with flexible game support.
<https://spade.glitch.me>
JavsScript | Socket | Sementic-UI | HTML | CSS
- **EasyHome** - IoT dashboard
Control and monitor home devices with ease using NodeMCU.
<https://shajanjacob.com/easyhome>
Arduino | NodeMCU | Semantic-UI | jQuery | C
- **Black Fire** - Minialistic NodeJS web application framework
Easy to use, modular, REST API boilerplate and generator.
<https://shajanjacob.com/blackfire>
NodeJS | ExpressJS | MongoDB | EJS | Bash
- **HN** - Minimalistic Hacker News reader and PWA
Simple hacker news feed reader
<https://guyswhocode.com/HN>
PWA | JavaScript | jQuery | Semantic-UI | Firebase
- **Familia** - Family tree & contacts manager
Contact details, house details, relations and events manager for family.
<https://github.com/shajanjp/familia>
NodeJS | ExpressJS | MongoDB | EJS | jQuery | Semantic-UI

EDUCATION

2017	Bachelor of Engineering (CS) T John Institute of Technology, Gottigere (VTU)
2011	Pre University Bappuji Central School, Peruva (CBSE)
2009	10th Bappuji Public School, Pala (CBSE)

PERSONAL DETAILS

Date of Birth : 24 August 1993
Father's Name : P.O Jacob
Address : Shajan Jacob
Punnakkathara(H), Perumpadavom PO, Anthial,
Ernakulam(Dist), Kerala, 686665
Languages Known : English, Malayalam

DECLARATION

I hereby declare that the above cited information is true to the best of my knowledge and belief, if given a chance, I can prove myself.

Date:
Place:

HOBBIES

- Photography
- Paper Quilling
- Microcontrollers

PROFILES

- linkedin.com/in/shajanjp
- github.com/shajanj
- npmjs.com/~shajanjp