SHAJAN JACOB

Full Stack Web Developer

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EXPERIENCE

Software Engineer / **Cubet Techno Labs** / Oct 2017 - Present
- Involved in architecting and building custom APIs for the 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.
- Built microservices on serverless platforms using AWS lambda / Firebase FaaS.
- Involved in prototyping, designing, building, documenting, testing, deploying and maintaining software systems.
- Debugged, fixed and maintained ongoing and existing application issues.

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
  Involved in building backend functionalities for handling bulk insertion and download of huge filtered data sets.
  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
  Implimented chat system that can handle multiple twitter bots 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.
  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
  Designed for managing grants and grantees
  NodeJS | ExpressJS | MongoDB | Nodemailer

Software Engineer / **Alt-s Solutions** / May 2017 - Oct 2017
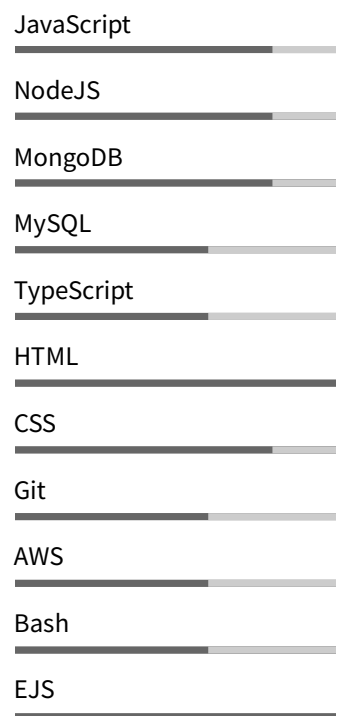- Involed in building logic and dashboad for a CRM project.

PROJECTS

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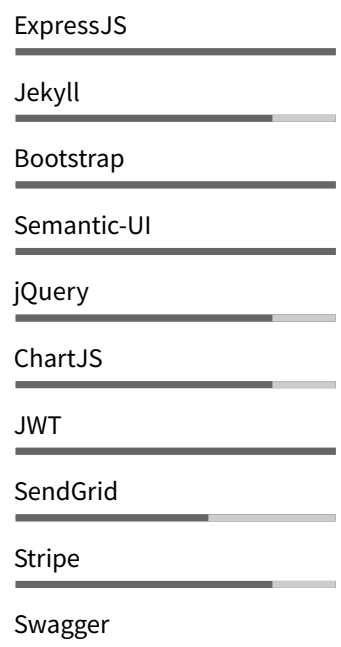 PHP | MySQL | ChartJS | Bootstrap

OBJECTIVE

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

SKILLS

Technologies

JavaScript

NodeJS

MongoDB

MySQL

TypeScript

HTML

CSS

Git

AWS

Bash

EJS

Libraries

ExpressJS

Jekyll

Bootstrap

Semantic-UI

jQuery

ChartJS

JWT

SendGrid

Stripe

Swagger

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 and chat.
  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 MVC 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

- Gardening

- Microcontrollers

PROFILES

- linkedin.com/in/shajanjp

- github.com/shajanjp

- npmjs.com/~shajanjp