# 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.
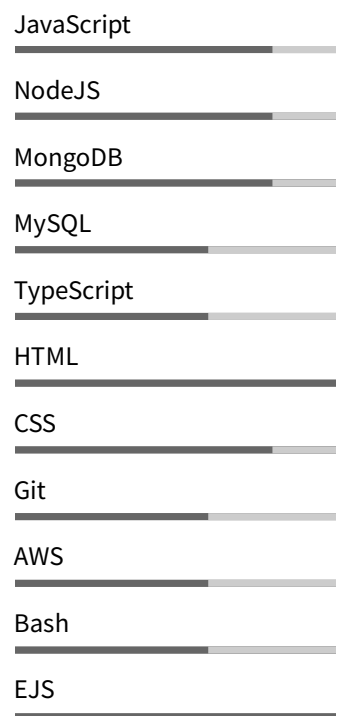
## PROJECTS

- 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