

# Jigar Dafda

Software Architect & Engineer. JavaScript and Python Expert. 8+ Yrs Experience in the software industry. 6+ Yrs Startup Experience. Managing an engineering team of 70+ people. Automation Freak. Expertise in building highly scalable Microservice and Serverless based Products with millions of users. Worked on several products & services from the FrontEnd button to creating Data Lake for millions of events.

## EXPERIENCE

### Shopsense Retail Technologies, Mumbai

Principal Software Architect

DECEMBER 2016 - PRESENT

Web Team Lead

SEPTEMBER 2015 - NOVEMBER 2016

Leading team of 70+ engineers(0-13 yrs experienced) with 11 direct reportees. Designed, created & deployed products and tools for Fynd external and internal users. also working closely with RIL to make Ecommerce products for Jio.

Currently responsible for Architecture and end-to-end Engineering Management of below products  
Products: [Fynd Platform](#) ([Fynd](#), [Uniket](#)), [EraseBG](#), [GlamAR](#), Data Lake

Responsibilities: Architecture & Development, Hiring & Team Building, Engineering Management, Cross Team Collaboration, Business Impact of Engineering, Training & Upgrading Team

### Pramati Technologies, Hyderabad

Development Engineer

MAY 2014 - AUGUST 2015

Worked on-site for [Autodesk Inc. Hyderabad](#) as a **Consultant Engineer**. Was responsible for developing scalable and unit tested WebApps for Autodesk 360.

### Kore Software Service(India) / KonyLabs IT Service, Hyderabad

Associate Software Engineer

JULY 2013 - APRIL 2014

Was responsible for developing SPA, web pages and integrating service.

## MAJOR PROJECTS

### Fynd Platform — Truly omnichannel Ecommerce Platform

[Technical Architect]

[platform.fynd.com](#) Multi-Tenant Truly omnichannel Ecommerce Platform, It helps to create online stores and list products on marketplaces such as (Amazon, Flipkart etc.). Platform has multiple integration with POS/ERP to fetch catalog/inventory from multiple sources. Platform also has a [partner](#) side where service based companies and indie developers can create & earn from extensions and themes built for online stores & marketplaces.

### EraseBG — ML based background removal service

[Technical Architect]

[EraseBG](#): Simple ML service to remove background of images, major use case is in the ecommerce.

### GlamAR — Augmented Reality platform for a seamless try on experience

[Technical Architect]

[platform.fynd.com](#) Face tracking technology using ML implemented across devices to identify human face and apply various try on such as lipstick, blush, eyelashes etc.

### Kubernetes Infrastructure Upgradation — EC2 Deployments to Highly scalable k8s based Infra & Kafka Questing system

[ Technical Architect]

Transitioned all 30+ user-facing services from Ansible based EC2 Deployments to k8s, made sure of containerization to deployments to scaling. Moved all the async communication to Kafka.

### Experimentation Engine — Personalized framework with A/B testing for mobiles and web

### Fynd & Uniket Website — Desktop and Mobile Website for Fynd & Uniket

[fynd.com](#) is B2C portal Fashion. [uniket.store](#) B2B Marketplace between Top brands & Stores

### Autodesk 360 — Collaboration Platform for 3D Designers & Engineers

[a360.autodesk.com](#) developed & enhanced UI Components with TDD approach

### Kore — Enterprise Social Collaboration Platform

[kore.ai](#) developed SPA, web pages and reusable components across the product.

Powai, Mumbai

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<https://github.com/jigardafda>

<https://stackoverflow.com/u/1309864>

<https://in.linkedin.com/in/jigardafda>

## SKILLS

### JavaScript (ES5, ES6 & TypeScript)

> NodeJS, ExpressJS, Koa2, Mongoose, Bluebird, Bull, Webpack, Grunt, Parcel  
> HTML5, CSS3, ReactJS, OOJS, Angular, MarkoJS, Handlebars, Redux, LESS, CSS Modules, jQuery, Webpack, Redux.  
> Mocha, Jasmine, Karma.

### Python 2.7 / 3+

> Django, Flask, mongoengine, Sanic, async / await  
> unittest, nose2

### Databases & Queuing services

> MongoDB, Redis, Kafka, MySQL

### DevOps & Cloud Platforms

> Kubernetes, Helm, Nginx, KOPS, AWS, GCP, Digital Ocean, Ansible, Packer, Jenkins, Gitlab CI

### Serverless

> AWS Lambda & DynamoDB, Google Cloud Functions, Serverless framework

### VCS

> Git, SVN

### SDLC

> SCRUM, Agile

### Project Tracking

> Redmine, Jira, Pivotal Tracker

## EDUCATION

### National Institute of Technology Surat

2009 - 2013

B.Tech in Computer Science and Engineering - CGPA 7.51 out of 10.

### Jawahar Navodaya Vidyalaya Junagadh

2002 - 2009

HSC (M.P.C.B) 84.20% 2008 - 2009

SSC 76.20% 2006 - 2007

## LANGUAGES

English, Hindi and Gujarati