

# SAMRAT JAISWAL

**Backend Engineer** ( javascript · node · react · mongodb )

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## EXPERIENCE (3.5 YOE)

### Harnstech, Mumbai - *Senior Software Engineer II*

NOV 2020 - PRESENT - 1 YEAR 6 MONTHS

*Tech used: **Node, React, Nextjs, MongoDB, GoogleAds, EC2, Razorpay Payment Gateway, SSO, AMP***

- Designing and developing the system to meet all business-layer requirements.
- Setup & deploy the production servers with **DB clusters** and applications.
- Currently, developing end-to-end web application(s) for our client Times Of India.  
[Epaper](#), [NBTGOLD](#), Adam, RTV monitor application
- Build migration script to migrate 30 lakhs active subscribe users.
- Server hardware setup, installing clusters of databases on multiple servers.
- Maintain the production application with pm2.

### MojitoLabs, Gurugram - *Fullstack Engineer*

JAN 2019 - NOV 2020 - 1 YEAR 11 MONTHS

*Tech used: **node.js, react.js, shopify, heroku***

- Developed Shopify apps to enhance customer experience on e-commerce websites, using Node and React.
- Built and managed an eCommerce application, both server and client-side.

*Client: Gamasome - Bangalore*

*Role: Backend Developer and Kafka Engineer*

*Tech used: **Node, React, Redux, Kafka, TCP, IOT***

- Built a proprietary platform that is horizontally scalable, and handles **data loss** and **backpressure** with minimal latency to serve in **smart mobility** (IoT).
- Assist to build **custom hardware** and also worked with different kinds of protocols from RS-232 to RS-485, CAN, and BMS.
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*Client: Fynd- Gurugram*

*Role: Fullstack Engineer*

*Tech used: **Node, React, Shopify, Heroku, SMTP***

- Build [Shopify app](#) for client Reliance-Fynd that helps merchants to automate the Product Cataloging, Inventory updates, Order Flow, Post Order Flow.
- Product Mapping and inventory sync between Shopify store products and Fynd products.
- Real-Time Order management through Shopify webhooks to Fynd.
- Real-Time Pincode serviceability and cart validation for product availability from Fynd.

## SKILLS

### • [Web Technologies](#)

NodeJS, ReactJS, MongoDB, NextJS, ExpressJS

### • [Tools](#)

Jenkins, Docker, Process Manager (PM2), AWS EC2, Kafka, Google Analytics, Git, CI/CD, Swagger, Nginx, Linux, Single sign-on (SSO), Autopay Razorpay Payment Gateway integration, AMP

### • [Hardware Technologies](#)

Raspberry Pi, Arduino, Battery Management System( BMS), Controller Area Network (CAN), IOTs

## IOT PROJECTS

- Attendance System (Image Processing, Python3, OpenCV)
- UV chamber (Arduino nano, UV lights) #CORONA
- Thermal Camera (Raspberry pi 3, Adafruit AMG8833 8x8 Thermal Camera)
- CNC (Arduino, 2-Dimensional)