

# Sejal Chougule

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## Work Experience

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Supervity | Senior Solution engineer (Core team) | October 2021–Present

Hyderabad

- Carried out version upgrades on Keycloak, rabbitMQ, and other dependant micro-services to **solve 100+ security vulnerabilities** and make platform enterprise-ready.
- Developed SaaS Plans pricing & subscription with stripe integrated to make plan provisioning (paid,free-trial) and upgrade journey simpler.
- Revamped automation job scheduling and queuing mechanism in core platform for better throughput and solved bottleneck issues on rabbitMQ to process over **1200 jobs/min**
- Led re-structuring and refactoring of legacy web app codebase, incorporating modern React-flow-creation libraries and reduced development cycle from 4 days to 2 days
- Patched existing rasa NLP training service with multi-threaded support & improvised performance metric (**from 1 to 8 models per VM**) along with log/error collection for better model-retraining resulting in improved nlp prediction results.

Browserstack | Fullstack Engineer(Growth team) | June 2019–September 2021

Mumbai

- Carried out Ruby on Rails and Ruby version upgrade from 4.1.15 to 6.0.3.6 in the core repository. Resulting in enhanced security and better API performance. Documented process to make future version upgrades simpler.
- Helped team revamp Unit/Functional Tests CI-CD pipeline & architecture, which in turn reduced unit test execution time from **~21 mins to ~4 mins**. Resulting in faster deployments, increased productivity and better code coverage. CI-CD build time was improved by **85%**.
- Worked closely with product managers, executed various A/B experiments to boost online sales for browserstack's live and automate product and simplified plan/subscription upgrade journey for the end user.

Techforce.ai | Product Engineer(Core team) | March 2018–June 2019

Hyderabad

- Redesigned internal tools to manage the training of rasa-nlp and designed architecture and process to make nlp training process fast **~( 10 mins to 3 mins)**.
- Initiated development of chatbot plugin with a bunch of action widgets, which simplified product onboarding journey and in-app assistance with just few clicks.
- Built teacher-student collaboration platform from scratch with integrated chatbot for **OECD.org**

Binarynumbers | Full Stack Engineer | May 2017–February 2018

Mumbai

- Implemented Leads-management system for DAMAC which syncs user-tracking events (**over ~5K events/hour**) from multiple-marketing channels/landing pages/hubspot/facebook and creates high probability cohort and helps sales-rep make the decision easier and better leads conversion.
- CMS/Website builder for DAMAC Properties Dubai, created a platform to dynamically create and serve marketing landing pages/accelerated-mobile-pages (page speed < 1.5 seconds) by simply using drag-drop.

## Skills

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Languages : **nodeJS, golang, ruby, bash**

Frameworks : **express, react, react-native, ruby-on-rails**

Database & Tools : **sql, mongoDB,redis, docker, nginx, amqp, efk**

Cloud Platforms : **AWS, GCP**

## Projects

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upweb.io

**golang, nodeJS, pgSQL, docker, nginx, lets-encrypt(cert-bot)**

Developers can easily deploy static and dynamic dynamic-websites, restapi on upweb just by using a git push command and zero configurations, hosted app gets deployed on a upweb subdomain with SSL certificates. Developers can view/monitor real-time logs on upweb-dashboard

echo

**golang, redis, minio**

Simple syslog drain collection service developed to view & manage real-time STDIN STOUT logs generated by dockerised apps hosted on upweb.io

## Education

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Bachelor in Electronics and Telecommunication Engineering  
University of Pune

2012 – 2016