SURYA RAMAN

SOFTWARE ENGINEER. DOG OWNER. MOTORCYCLE ENTHUSIAST.

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Skills

Python	Node.js	Java	Systems Design	MongoDB	Docker	Nginx
Flask	Express	Redis	Elasticsearch	SQL	Linux	macOS

Experience

Senior Software Engineer | Yellow Messenger
MARCH 2018 - PRESENT, BANGALORE

YELLOW MESSENGER PLATFORM

- Engineered a new bot to bot communication architecture used by millions of users every day with the help of Python (Flask + Gunicorn), Elasticsearch, MongoDB, and Redis
- Implemented a ticket assignment algorithm in Node.js
- Helped set up dockerized services for crawling emails using Python
- Implemented the push notification service using Node.js, Service Workers, and FCM
- Implemented OAuth 2.0 for seamless account linking for integration with Google Assistant
- Improved website load time by optimizing code, lazy loading assets, client-side caching which reduced load time from 6 seconds to 1.2 seconds
- Built a middleware to enable campaigns over WhatsApp with Node.js, Express, MongoDB, and Redis

BAJAJ FINSERV, ADITYA BIRLA FASHION AND RETAIL LTD & SCHLUMBERGER

- Instrumental in bringing the first enterprise client to accelerate the growth plan of the company by one year
- Drove the engagement to account for 90% of the company's revenue until the company reached Series B
- Helped to scale the software to approximately 35 million messages every month
- Collaborated with Microsoft to improve the Yellow Messenger platform and Implemented a new type of messaging response in the Yellow Messenger platform

OTHER RESPONSIBILITIES

- Created the Yellow Messenger training program which trained over 500 people within 6 months
- Conducted interviews for hiring other developers

BI Developer | Visual BI Solutions
MAY 2017 - MARCH 2018, CHENNAI

VBI VIEW

- Integrated Business Intelligence tools such as Microsoft Power BI, SAP Business Objects, SSRS, OBIEE, and TIBCO Spotfire using Python, Flask, Gunicorn, Java, and Grizzly

Education

Computer Science and Engineering | Saveetha Engineering College
AUGUST 2013 - MAY 2017, CHENNAI

- Implemented Capstone Project on "Human Tracking System" using Arduino, NRL24L01, Android, and Firebase
- Chief Operating Officer at Entrepreneur Cell and won the "National Entrepreneur Fest" conducted among all the colleges in the country