

Sachin Govind

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL

GPA: 8.28, B.Tech CSE
Jun 2017 | Warangal, India

TELANGANA BOARD OF INTERMEDIATE EDUCATION

98.3%, MERIT RANK HOLDER
May 2013 | Hyderabad, India

LINKS

Github:// [sacgov](#)
LinkedIn:// [sachingovind](#)

SKILLS

Microservices

Processed >25 Billion transactions

Golang, Nodejs, Python

Databases

MySQL, PostgreSQL, MongoDB

Redis (cache), Elasticsearch

Distributed systems

Kubernetes, Docker, Azure

Apache Kafka, Nginx, HaProxy

Analytics

Apache Druid, Spark, HBase, TiDB

Monitoring/ Logging

Prometheus, Fluentd, ELK Stack, Nagios

Frontend

React, Redux, VanillaJS

Familiar:

RabbitMQ, Airflow, JS frameworks,

Pandas, Numpy

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Database Management Systems

Operating Systems

Computer Architecture

Cloud Computing

Object Oriented Programming

Systems Programming

Cryptography and Security

Operating Systems

Data Warehousing and Mining

Compilers

Distributed Computing

EXPERIENCE

YELLOW.AI | ENGINEERING MANAGER/ ENG. EMPLOYEE #2

Jan 2018 – current | Bengaluru, Karnataka

- **#2 Employee:** I worked closely with the CTO to build the product from scratch. As a conversational AI provider we have scaled from **50k msgs/month to 250M msgs/month**. We process more than **4B** events a month.
- **Campaigns Module:** Currently leading this growing into a team of **13 devs over 2 years**. Conceptualised and started this. Achieved **2 Billion** Notifications on WhatsApp. It is now a key business vertical. I am responsible for the customer NPS, Revenue, liaising with the Product, UX and other teams.
- **Realtime Analytics:** Currently leading this to provide a real time dashboard similar to google analytics. I lead this with **3 devs**. Introduced **Kafka** and **Lambda Architecture**. Maintained **15 Node Elasticsearch Cluster (5B documents)**, **Logstash pipelines** and **Apache Druid (20B events)**.
- **SOS Person :** I am involved in almost every production outage. Highly experienced in working under stress of outage, providing innovative solutions, evaluating trade-offs to quickly get back online.
- **Initial Infrastructure:** Setup almost everything in the first 2 years till we had a dedicated DevOps team. Azure, AWS, LBs, VMs, API Gateways, Nginx, DR setup, MongoDB, Redis, Real time messaging systems.
- **ISO 27001:** Led this effort. Fortified VMs, deployed Network monitoring, auditing systems, an ELK Stack.
- **K8s Executor:** Executes jobs in Kubernetes. Similar to Airflow but custom built for Yellow's workflow and for simplicity. We also process ETL's through Airflow
- **No code Builder:** . Business Flows/ APIs using a drag and drop editor
- **In-house FAAS:** Cloud function executor(only nodejs), resource limits, CI/CD and debugger.
- **Monolith-> Microservices:** moved to Docker Swarm and then **Kubernetes**.
- **Monitoring/Alerting:** Setup using Prometheus, Grafana, Nagios.
- **Web Portal:** Enterprise admin portal as a part of an initial three member team using React/ Redux. Moved to a more backend role after this.

ARCESIUM (DE.SHAW SPIN-OFF) | MEMBER TECHNICAL

July 2017 – Dec 2017 | Hyderabad, India

- Worked on Java, Spring, Tomcat, Rest APIs to generate timely reports. Contributed to the reports web portal.

QUALCOMM INTERN | PPO OFFERED

May 2016 – July 2016 | Hyderabad, India

- Worked on design of algorithms for efficient rendering of graphics on Android N providing greater than 50% improvement in performance.

AWARDS

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| 2013 | 1033/15 Lakhs | JEE Mains. Awarded Tuition Fee Waiver for this. |
| 2013 | StateWide | Merit Scholarship by Intermediate Education, Telangana |

PUBLICATIONS

- [1] S. Govind, R. Tene, and L. Saideep. Novel recommender systems using personalized sentiment mining. *IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT)*, 2018.