

Sachin Govind

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL

GPA: 8.28, B.TECH CSE

JEE MAINS: 1033

Jun 2017 | Warangal, India

XII BOARD

98.3%, MERIT RANK HOLDER

May 2013 | Hyderabad, India

X CBSE BOARD

10 CGPA

May 2011 | Hyderabad, India

LINKS

Github:// [sacgov](#)

LinkedIn:// [sachingovind](#)

SKILLS

Microservices

Processed **>25 Billion** transactions

Nodejs, Python, Go, Java

Databases

Redis, Elasticsearch, MongoDB

MySQL, Postgresql,

Distributed systems

Kubernetes, Docker, Azure, AWS

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

GOOGLE | SENIOR SOFTWARE ENGINEER - L5

Oct 2023 – Current | Bengaluru, Karnataka

Making Google BigQuery robust and a delight to work with.

NIRVANA INSURANCE | TECH LEAD/ EARLY EMPLOYEE

Oct 2022 – Sep 2023 | Bengaluru, Karnataka

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

Jan 2018 – Sep 2022 | 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:** Grew/ Hired for the team to **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 was 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:** Helped setup almost everything in the first 2 years till we had a dedicated infra team. Azure, AWS, LBs, VMs, API Gateways, Nginx, DR setup, Mongodb, Redis, Real time messaging systems.
- **K8s Executor:** Executes jobs on Kubernetes. Similar to Airflow but multi-tenant, custom built for Yellow's workflow and for simplicity.
- **No code Builder:** . Business Flows/ APIs using a drag and drop editor.
- **In-house FAAS:** Cloud functions (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.

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

- Designed heuristics for efficient rendering of graphics on Android N leading to 30% improvement in performance at the same energy consumption.

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.

