

# Sachin Govind

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## EDUCATION

### NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL

GPA: 8.28, B.TECH IN COMPUTER SCIENCE AND ENGINEERING  
Jun 2017 | Warangal, India

### TELANGANA BOARD OF INTERMEDIATE EDUCATION

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

## LINKS

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

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms  
Database Management Systems  
Operating Systems  
File Structures  
Computer Architecture  
Cloud Computing  
Object Oriented Programming  
Systems Programming  
Cryptography and Security  
Operating Systems  
Data Warehousing and Mining  
Compilers  
Distributed Computing

## SKILLS

### PROGRAMMING

Over 10000 lines:

• VanillaJS, NodeJS • Express • Shell  
Java-Spring • React • Rest APIs

### Databases

• MySQL, NoSQL (mongoDB),  
Redis(cache), Elasticsearch

### Academic Experience

• C, C++ • Python • Assembly  
• Matlab • Scala •  $\text{\LaTeX}$

### Others

• DockerSwarm • Kubernetes • Nginx  
• Druid • HAProxy • Azure • Nagios

### Familiar:

Flask • • Redux & other JS Frameworks

## EXPERIENCE

### YELLOW MESSENGER | SOFTWARE DEVELOPMENT ENGINEER II

Jan 2018 – current | Bengaluru, Karnataka

- I worked closely assisting the CTO in a 4 member tech-team on REST services in Node.js. I was a key part in moving the code from a monolith to a microservices based architecture using Docker Swarm, Kubernetes. Setup a monitoring/alerting system using Nagios, Prometheus. Deployed production environments on Azure. We achieved a scale tens of millions of messages a day from 100k messages a day.
- Introduced the team to Kafka, Reactive programming. Deployed a Kafka, Zookeeper cluster and maintained it.
- ELK stack - Setup an Elasticsearch cluster/API providing multi-tenanted access with RBAC and debugged production Elasticsearch configurations.
- Developed an in-house cloud functions(only js), CLI with Docker, Custom git servers for managing client code CI - pipeline.
- I have experience with Redis, rabbitMQ, HAProxy, Load-Balancing, Reverse Proxy(Nginx) and securing Rest APIs, OAuth, firewall, UFW, Bash scripts and commands. Writing scripts to process data, debug production logs and alerting.
- I worked on building the console as a part of a three member team using React and Ant Design completely revamping it.
- Helped maintain, debug analytic systems (Apache Druid), improving its configuration and understanding how analytic systems work.

### ARCESIUM (DE.SHAU SPIN-OFF) | MEMBER TECHNICAL

July 2017 – Dec 2017 | Hyderabad, India

- Arcesium is a post-trade technology firm, spin-off from D.E Shaw. I worked in Financial Reporting. We worked with Java, Spring, Apache Tomcat. Writing Backend Rest Services and generating timely reports in Excel (xlsx). Fixing issues in the Web pages and integrating them with the services(API's).

### QUALCOMM | SOFTWARE ENGINEERING INTERN

May 2016 – July 2016 | Hyderabad, India

- Worked out an efficient algorithm for efficient rendering of graphics for Android N providing greater than 50% improvement in performance.
- Wrote scripts in Python, Bash, AWK to parse logs, generate graphs used to benchmark our changes. I was offered PPO.
- Technologies: C, python, Ftrace, Exploratory Data(Logs) Analytics.

## AWARDS

2013	1033/15 Lakhs	JEE Mains. Awarded Tuition Fee Waiver for this.
2013	StateWide	Merit Scholarship by Intermediate Education, Telangana
2010	National	Merit Certificate in all subjects(CBSE)

## 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.