

# Abhishek Sah

SOFTWARE ENGINEER · PRODUCT ENGINEER

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## Work Experience

### Gojek

Bengaluru, India

SENIOR SOFTWARE ENGINEER, DATA PLATFORM TEAM

July 2019 - Present

- Designed, developed and open sourced alert management service **Siren**, providing self serve alerting on top of Cortexmetrics, with out of the box support for templates on Prometheus rules.
- Used Golang with PostgresDB to create Siren's web service and scaled it for 7 Gojek tenants which manages alerting over ~3000 deployments, ~20 Kafka and Kubernetes clusters in a self serve manner.
- Added notification service in Siren to make it easy for teams to configure alert routing.
- Provisioned Data Platform's monitoring stack using CortexMetrics, scaled it to handle ~0.6M sample/sec
- Managing operations of ~20 mission critical Kafka and MirrorMaker clusters deployed across multiple Google cloud VPCs.

### Gojek

Bengaluru, India

PRODUCT ENGINEER INTERNSHIP

May 2018 - July 2018

- Developed a real-time data visualization application targeted for Android and iOS devices to show critical business metrics of the GOJEK app, seeding the data from an influx DB sink of various stream processing jobs.
- Built the mobile client applications on React Native and Web Server in Ruby on Rails and deployed in Kubernetes cluster.

## Education

### Indian Institute of Technology, Jodhpur

Jodhpur, India

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

June 2015 - Apr. 2019

Lead Placements and Internship Cell for CSE Batch of 2019 and 2020. Served as Assistant Coordinator Programming Club, Student Gymkhana

## Projects

### IIT Jodhpur

Bengaluru, India

ACADEMIC AND \*SPONSORED

Jan. 2017 - Apr. 2019

- **Office of Student Placements Website, IITJ:** Developed a website for the Placement Cell to manage all placement related activities for the year 2017-18. Designed & developed the system architecture, user interface and infrastructure with Node.js, Express.js, MySQL & Bootstrap 4 to assist ~500 students in getting a seamless experience..
- **Freya:** Built a provisioner to handle a large amount of data and process it online, automating Lambda architecture's setup on local nodes (master slave architecture) and storing results in database post-processing. Used Apache Hadoop to delegate Batch Processing load and Apache Storm for stream processing load on the Ubuntu machines worker nodes using shell scripts.
- **Text-to-Image:** Developed an application to process a natural language scenery description (involving basic geometric shapes) and draw an image corresponding to that scene. Handled various complexities of natural language in this domain with different algorithms with Python NLTK.

## Achievements

2017 **Team Rank 105**, ACM ICPC Regionals

Kolkata, India

2017 **Runner Up**, Microsoft Code.Fun.Do Online Hackathon

Jodhpur, India

2015 **Rank 7463**, IIT JEE Advanced

India

## Programming Skills

LANGUAGES, FRAMEWORKS & APPLICATIONS

- Golang, NodeJS, Ruby on Rails, Java, Postgres, MongoDB, HapiJS, ExpressJS
- Docker, Kubernetes, Chef, Terraform, GCP, Cortexmetrics, Prometheus, Influx Data Stack