

# ADITYA

## SKILLS

Golang	Python
ReactJS	Travis
Kubernetes	Java
MongoDB	MySQL
PostgreSQL	ML

## EDUCATION

- B. Tech. [Computer Science & Engineering],  
Kalinga Institute of Industrial Technology, 2016 – 2020,  
CGPA: 8.3
- XII (Senior Secondary)  
[Science], CBSE Board  
(Chinmaya Vidyalaya, Bokaro)
- X (Secondary),  
ICSE Board (St. Karen's High  
School, Patna)

## CONTACT



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## Experience

### Independent Software Developer

March, '20 - Present

Developed Python applications and Jock-stack (MERN) web applications.

- Designed and implemented a ReactJS/Flask tool for **Life Insurance Corporation of India's** CRM Department which solved their business problem for cross-checking payment transactions by the bank of policyholders of filtering the non-redundant transactions and generate reports.   
Result: **Implemented hashing and multithreading on backend which reduced drastically reduced time to 90.6 % of prior runtime of legacy system in place.**
- Built a high performance, shared memory algorithm to web scrape data for creation of datasets for running sentiment analysis in Python and PostgreSQL. Result: **Used asynchronous framework to solve the problem and helped the client to further reduce the time of processing.**
- Performed on-site software maintenance for end users.
- Communicated with clients to deliver quality software projects and followed up with them to ensure that the customer was happy with the work.

### Software Engineering Intern

**MayaData Inc.** Bangalore

July '19 – Feb '20

- Created and maintained the product showcase website for CNCF Sandbox Project '**Litmus**'.
- Implemented the frontend in **ReactJS** and wrote backend APIs in **Golang** for rendering frontend, running analytics, and feedback control.
- Implemented CI in **Travis**.  
Result: **Increased the open source contribution by 137% in 8 months.**

### Technical Intern

**Bharat Sanchar Nigam Limited** Bhagalpur

April '18 – Jul '18

- Implemented gRPC on Python for an experimental analytics server  
Result: **Increased client handling capacity of the server**

## Projects

### QR Code Generator App

August, '20 – September, '20

- A simple NodeJS and ReactJS application which reads text and generates QR Code for it.

### CS-Bots

December '19 – January '20

- Designed a software to implement RESTful APIs on a **ReactJS-Flask** self-operating bot system.
- Implemented **abstractive summarization** and **unsupervised classification**.

## Publications

### Abstractive Text Summarization and Unsupervised Text Classifier

ICMLIP '19, Pune

- Published a research paper in **Springer** with regards for designing an algorithm to summarize a piece of text and summarize into a meaningful summary of few lines, which is within logically acceptable limits along with its genre.