

## EDUCATION

**Bachelor of Technology - Computer Science and Engineering,**  
Indian Institute of Information Technology, Raichur  
CGPA (Current): 8.76/10.00

July 2019 — June 2023

XII, CBSE, Grades: 85%

2018 — 2019

## PROJECTS

### TNP Portal

Project | Gitlab

- Common portal for students and companies to manage placements in the institute
- **Rate limiting** (Authentication token based - fallback to IP) backed by **Redis**
- Automatic expiry of incomplete user profiles
- **Tech Stack:** Front-end -> NextJS, MaterialUI | DB -> Postgres, Redis | Backend -> NodeJS, Firebase Storage | Others -> Redis Pub/Sub, Helmet.js

### diploy

Github

- Provides HTTP endpoints to perform actions (stop, start, update, restart)
- Tries to emulate automatic code update and restart as in heroku on a linux server
- Use diploy endpoint for the application as Github webhook to trigger on events
- **Tech Stack:** Golang, Cobra CLI

### DF-GAN, Text to Image Generation (In Progress) Sup.: Dr. CKM, Professor, CSE-IITH

Github

- Understand the architecture and working of Deep Fusion Generative Adversarial Network
- Implementation of the model and reproduce IS and FID scores for comparison
- Explore possible improvements in the architecture

## TECHNICAL SKILLS

**Programming Languages** JavaScript, Golang, C++, C

**Databases and Frameworks** Postgres, Mongo DB, Redis, Next JS, Express JS, Material UI, NodeJS

**Other Skills** Github Actions, docker-compose, Redis Pub/Sub

**Cloud** Google Cloud Platform, Heroku

## COURSES

### Institute Courses

• Data Structures • Algorithm Design and Analysis • Operating Systems • Software Engineering • Database Management Systems • Computer Architecture

### Online Courses and Certifications

- Google Cloud Platform Fundamentals: Core Infrastructure
- The Bits and Bytes of Computer Networking by Google

## VOLUNTEER EXPERIENCE

**Cloud Facilitator,** Google Developer Student Club - IIIT Raichur

Sept 2021 — Present

- Get to know about the Google Cloud Platform (GCP) and help people in community to get started with it.

**Teaching Assistant,** Indian Institute of Information Technology Raichur

Sep 2020 — Present

- Introduction to Programming (under Dr. Rakesh Venkat, IITH)
- Operating Systems - 1 (under Dr. Sathya Peri, IITH)
- POPL (under Dr. Sadhana Jha, IIITR)

**Placement Cell Coordinator,** Indian Institute of Information Technology Raichur

Apr 2021 — Nov 2021