

Anand, Gujrat  
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# Aditya Agrawal

Pre-Final Year Student

Linkedin  
Blog

## 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

X, CBSE, CGPA: 9.0/10

2016 — 2017

## PROJECTS

**TNP Portal**, ExpressJS, Postgres, Redis, NextJS, Material UI

Project | Gitlab

- Next JS based front end with material design
- Express based backend with Postgres as database
- Redis for session management, Redis pub/sub for automatic profile expiry
- Rate limiting, Security headers

**diploy**, Golang, Cobra CLI

Github

- Linux deployment management tool
- Manage deployments using Webhook or CLI
- CLI using Cobra
- Go routine manages the operations

**Extended-2fA**, ReactJS, Service Workers

Project | Github

- TOTP client for two factor authentication
- UI using material design
- Service worker and manifest files for offline use and Installable PWA

**gh-file**, Golang, Cobra CLI

Github

- CLI to push single files to a GitHub repo
- CLI using Cobra CLI
- Configuration using yaml file

## TECHNICAL SKILLS

**Programming Languages** JavaScript, Golang, C++, C, SQL, Bash, Python

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

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

**Cloud** Google Cloud Platform, Heroku, DigitalOcean

## 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
- Fundamentals of Digital Image and Video Processing
- The Bits and Bytes of Computer Networking by Google
- Deploy to Kubernetes in Google Cloud
- Qwiklabs Quests (AWS and GCP technologies)

## 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.

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

Apr 2021 — Present

**Cultural Secretary**, Indian Institute of Information Technology Raichur

July 2020 — Present

**Electronics Club Coordinator**, Indian Institute of Information Technology Raichur

August 2019 — July 2020