

# Aditya Agrawal

Student at IIIT Raichur



adiag1200@gmail.com



9785559273



India



crossphoton.tech



linkedin.com/in/crossphoton



github.com/crossphoton



crossphoton.medium.com

## SKILLS

Golang

JavaScript

C++

Data Structures

Algorithms

MongoDB

API Development

Git/GitHub

GitHub Actions

GCP

Microservice Architecture

Digital Ocean

React

Next JS

Material UI

## LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

## INTERESTS

Computer Networks

Music

Software Development

Reading and Writing Blogs

## EDUCATION

### Indian Institute of Information Technology Raichur

Raichur, Karnataka

07/2019 - 2023

CGPA till 3rd Sem: 8.97

### SSC

CBSE

03/2019

85%

## CERTIFICATES

### Google Cloud Platform Fundamentals: Core Infrastructure (06/2020) [↗](#)

Learn and compare, many of the computing and storage services & important resource and policy management tools available in Google Cloud Platform.

### The Bits and Bytes of Computer Networking (06/2020) [↗](#)

Fundamentals of modern networking technologies and protocols to an overview of the cloud to practical applications and network troubleshooting.

### Qwiklabs - GCP - Create and Manage Cloud Resources (06/2020) [↗](#)

Create and deploy VMs in Compute Engine, run containerized applications on GKE, and configure network and HTTP load balancers.

## PROJECTS

### diplay - Deployment management utility in Go (05/2021 - Present) [↗](#)

- Manage your deployments using **Webhook** and **CLI** on bare **Linux server**.
- CLI using **Cobra**.
- Go routine manages the operations.

### TNP IIITR Portal (05/2021 - Present) [↗](#)

- One place destination for companies and students to take part in recruitment process.
- Next JS** based front end with **material design**.
- Express** based backend with **Postgres** as database and **Redis** as session management, **pub/sub** and caching.
- Container** compatible projects - **docker-compose**.

### Extended-2FA (05/2021 - Present) [↗](#)

- A browser based TOTP client for two factor authentication. [↗](#)
- This is installable **PWA** with offline support. Uses material design in **React JS**.

### IIITR Services (01/2021 - Present) [↗](#)

- Chrome Extension** to pull data from Institute portal.
- Extensions to provide functionality. These work on sub-router basis.
- Go server** to manage services/extensions associated.

### gh-file (05/2021 - Present) [↗](#)

- CLI to push single files to a GitHub repo.

## VOLUNTEER EXPERIENCE

### Teaching Assistant (10/2020 - Present)

TA for Introduction to Programming, Operating Systems and Principles of Programming Languages

### Placement Coordinator (04/2021 - Present)

### Cultural Secretary (07/2020 - Present)

### Electronics Club Coordinator (09/2019 - 07/2020)