

# Aditya Agrawal

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## 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.

### Qwiklabs - Deploy to Kubernetes in Google Cloud (06/2021)

Configure and build images to run and debug Docker containers, build and manage K8s Engine clusters, deploy K8s applications using deployments and CD techniques.

### 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.

### AI for Everyone (06/2020)

Covered the need of AI in the world.

### 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

### deploy - Deployment management utility in Go (05/2021 - Present)

- Manage your deployments using Webhook and CLI on a bare linux server.

### TNP IITR 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 and caching.
- Container compatible projects.

### 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.

### IITR 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

Placement Coordinator (04/2021 - Present)

Cultural Secretary (07/2020 - Present)