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Aditya Agrawal

Pre-Final Year Student

Linkedin
Blog
Codechef
GitHub

EDUCATION

Bachelor of Technology - Computer Science and Engineering,

July 2019 — June 2023

Indian Institute of Information Technology, Raichur

CGPA (Current): 8.76/10.00

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

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
- 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.

Teaching Assistant, Indian Institute of Information Technology Raichur

Sep 2020 — Present

- Introduction to Programming • Operating Systems - 1 • POPL

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