Aditya Agrawal

Pre-Final Year Student

Anand, Gujrat
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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

DF-GAN, Text to Image Generation (In Progress) **Sup.: Dr. CKM, Professor, CSE-IITH** **Github**
- Understand the architecture and working of DF-GAN
- Implementation of the model and reproduce IS and FID scores for comparison
- Explore possible improvements in the architecture

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
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**