

Aditya Meharia

+91-9903999744 | adityameharia14@gmail.com | github.com/adityameharia | adityameharia.me

EDUCATION

Kalinga Institute of Industrial Technology

Bachelor of Technology in Computer Science and Engineering, GPA:9.6/10

Bhubaneswar, India

Jul. 2019 – July 2023

Jyotirmoy Public School

All India Senior School Certificate Examinations

Kolkata, India

May. 2017 – March 2019

EXPERIENCE

Pratilipi

Software Engineering Intern

March 2022 – Present

- Write modern, performant, maintainable code to optimise and refactor the codebase.
- Worked on critical security issues.

Desire Foundation

Web Developer

April 2020 – Present

- Increased the foundation's reach by working on their Website, Blog and internal tooling.
- Deployed a dynamic editor as an internal tool to create and update blog posts, users and children with authentication and admin functionality.
- Developed the backend system for the official blog handling approx 1k requests per month.

PROJECTS

Ravel | Golang, Raft Consensus Algorithm, Consistent Hashing, BadgerDB, gRPC

May 2021 – Jun 2021

- A Sharded, fault tolerant key value store
- Fault tolerance using **Raft Consensus Algorithm**
- Sharding using **consistent hashing**
- Servers communicate with each other using **gRPC**

Gotor | Golang, CobraCLI, Bitorrent Protocol

Mar 21

- A **cli** to download **torrents** from a given torrent file
- **Concurrent downloads** from multiple peers using **goroutines and channels**
- Used **cobra** to develop cli

File Store | Golang, MongoDB, AWS S3, Redis, Firebase, ReactJS

Mar 21

- Full stack app to store important files on Cloud
- Authentication flow using **Firebase Auth**
- Uses **Redis** for **API caching**
- Deployed using **Heroku** and **Netlify**

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML/CSS, SQL, C/C++, Golang

Frameworks: NodeJS, Express, React, Bootstrap, jQuery

Databases: MongoDB, MySQL

Other: Linux, Git, Docker, AWS

COURSEWORK

Academic: Data Structures, Operating Systems, Database Management Systems, Web Technology

Other: AWS Fundamentals: Going Cloud-Native, AWS Fundamentals: Building Serverless Applications

OTHER INTERESTS

Competitive Programming, Learning Guitar.