

Uzair Ali

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EDUCATION

Kalinga Institute of Industrial Technology

B.Tech in Computer Science and Systems Engineering **9.64 CGPA**

Bhubaneswar, India

September 2020 – October 2024

WORK OR OPEN-SOURCE EXPERIENCE

Talawa API

github.com/palisadoesFoundation/talawa-api

Open-Source Contributor

- Talawa is a modular open-source project to manage group activities of both non-profit organizations and businesses widely used in the country of Jamaica
- Engineered **GraphQL APIs** using **ExpressJS** and **MongoDB**
- Researched on **Optimizing the query response time** using proper implementation of Data Structure
- **Improved** the Existing **Mutation and Query** which **reduced** response time **by 2%**
- **Supervised and Reviewed Pull-Request** of new contributors
- Implemented CI/CD Workflows using GitHub Actions
- **Debugged and resolved** existing issues

IntelOwl

github.com/intelowlproject/IntelOwl

Open-Source Contributor

- IntelOwl (2.1k Stars) is a open-source tool to gather threat intelligence data about a file or observable (IP, Domain, Hash etc.) from single API at scale.
- Integrated new threat analyzer APIs using **Django**
- **Refactored** and developed new API endpoints in their **Golang SDK**
- Co-authored Documentation

PROJECTS

integrateme.co [Django, ExpressJS, MongoDB]

github.com/integrateme-co

- integrateme.co helps you to integrate different services easily using their APIs
- It can cross-post Blogs Between dev.to, medium and hashnode
- Sync GitHub issues with Notion
- **Architected** the **Backend** infrastructure
- Designed **REST APIs** following a **microservice** architecture
- Created **CI/CD** Pipeline using **GitHub Actions**
- **Tested API** endpoints using **pytest** with **78% coverage**
- Serving over **50 active users** per day

shorten.codes [ExpressJS, MongoDB]

github.com/uzair-ali10/shorten.Codes

- A URL redirect service, handling over **1,000 requests at peak** load.
- Constructed Authentication system using **JWT** and **MongoDB**
- Formulated **APIs** using **Express** and **Node JS**
- **Reduced latency** and throughput using hashmaps, **caching** and multi-threading.
- Authored a blog post describing backend for this project, [find it here](#)

TECHNICAL SKILLS

Languages: C++, Python, Go, Javascript

Frameworks and Technologies: Django, ExpressJS, PostgreSQL, MongoDB, NodeJS, REST APIs, GraphQL, Redis

Developer Tools: Postman, Git, Heroku, Azure, GitHub Actions

Others: Data Structure and Algorithms, System Design and Scaling up a Service

ACHIEVEMENTS

- **Hackathon:** 1st Runner-up at **Hackout 2021** out of 50 teams
- **Hackathon:** 1st Runner-up at **HackmaFest** out of 30 teams
- **Hackathon:** 2st Runner-up at **API-Hacks** out of 200 participants