Uzair Ali

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EDUCATION

Kalinga Institute of Industrial Technology Bhubaneswar,India

*B.Tech in Computer Science and Systems Engineering **9.64 CGPA*** *September 2020 – October 2024*

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**
- **Revamped** and developed new API endpoints in their **Golang SDK**
- Co-authored Documentation

PROJECTS

integrateme.co [Django, SQLite, ExpressJS] 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/uzaxirr/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

SKILLS

Languages: C++, Python, Go, Javascript
Frameworks and Technologies: Django, Echo, Gin, ExpressJS, NodeJS, REST APIs, GraphQL
Databases: PostgreSQL, SQLite, MongoDB, Redis
Cloud and DevOps: Docker, Git, Heroku, Azure, GitHub Actions, AWS (S3, EC2)
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