

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

EXPERIENCE

Dukaan

Bengaluru, India

Backend Engineering Intern

January 2021 – Present

- Engineered a in house **monitoring tool** for getting **real time analytics and application logs** using **Rabbit MQ, Django** with a Publisher-Subscriber model and created a **Python SDK** for the same.
- Responsible For **creating data pipeline for Data Analytics team** using celery and Django.
- Researched and **Created a custom python library** for a standard way of dealing with HTTP requests across organization.
- Integrated Shopify API** which lead to **30% increase in costumer acquisition** from Shopify to Dukaan.

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

Talawa API

github.com/palisadoesFoundation/talawa-api

Open-Source Contributor

- Developed **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%**
- Implemented CI/CD Workflows using GitHub Actions

PROJECTS

integrate.me [Django, SQLite, ExpressJS]

github.com/integrate-me

- integrate.me helps you to integrate different services easily using their APIs
- It can cross-post Blogs Between dev.to, medium and hashnode and sync GitHub issues with Notion
- Architected** the **Backend** infrastructure
- Designed **REST APIs** following a **microservice** architecture
- 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