

## EDUCATION

### Trident Academy Of Technology

BTech in Computer Science | CGPA: 9.0

Bhubaneswar, India

Aug 2018 - Apr 2022

## EXPERIENCE

### Koo App

Software Developer Engineer

Bengaluru, India

Feb 2023 - PRESENT

- Worked on Feed code optimization adding guava cache, code refactoring, and reduction of the tweet(Koo) details API data response size by 50
- Wrote multiple Flink Jobs for different requirements throughout building data pipeline.
- Used Spring, Kotlin, Java, Kafka, Aerospike, PostgreSQL, DynamoDB, Jenkins, Grafana, and Rancher.

### Josh Talks(Josh Skills App)

Software Developer Engineer

Bengaluru, India

Feb 2022 - Jan 2023

- Worked in the **Notifications** team and improved push and client notifications delivery rate by 80-90%.
- Integrated Juspay Aggregator. Automated and Optimized **Payments**. Both In-App and Manual Payments.
- Worked on **1-day Free-Trial, Coupons, etc.** This improved D2P and achieved *1 Crore revenue per month*.
- Worked on **groups** where users can Create, Chat and Call. Users can create private groups. Impacted in increased ATS(Avg. Time Spent) of users from 15 minutes to 25 minutes.
- Created a **leaderboard** where users can track daily activity. It significantly improved DAU by 30-40%.
- Migrated SQL to No-SQL DB for Analytics and Notifications.
- Optimised APIs by adding *caching layers, reduced DB queries, and added Rate-limiting* for required APIs. With a team-managed scale from 2K to 40K daily installs.
- Managed Instance groups, servers, and Docker containers. GCP trigger setup for CI/CD.

### Power2Create

Backend Developer Intern

Delhi, India

June 2021 - Aug 2021

- Implemented decoupled, efficient, and scalable login flow, used with multiple in-house Applications.
- Created a system to reward users with coupons and points. It improved user app retention by 55%.
- Worked on improvements and resolved numerous issues.

### Expond Technivo

Backend Developer Intern

Mumbai, India

Jun 2020 - Sep 2020

- Built a portal to manage Employees, Products, and Companies' resources efficiently.
- Added functionality like Employee daily work tracker with Calendar interface, Leave count, Products, and Expenses of employees. Used Django, Flutter, etc.

## PROJECTS

### Mobile Price Webhook Service

Jan 2022 - Jan 2022

- Backend webhook service to get the prices of all the mobile phone models related to the user search from Gsmarena.
- Built following **micro-services** architecture. Node for scraping data and Python for sending scraped data to Webhook URL.
- Used Python, Django, Node, Express, GRPC, Docker, Sqlite, etc.

### dAuth

Jan 2021 - Mar 2021

- Built an application to **detect forgery** in documents like Aadhar cards, Pan cards, etc.
- Lead a team and *won Trithon(24 hours non-stop coding contest) 2021* among more than 100 teams in Bhubaneswar.
- Used Django, Sqlite, OCR, Verhoeff Algorithm, Image Recognition, Dialogflow, CSS, HTML, JavaScript, etc.

### TrueCaller Service

Sep 2021 - Oct 2021

- Created a backend service where users can register using unique numbers, numbers, or social accounts like Gmail.
- Users can also search using their name or mobile, it also gives the **Spam probability** of Numbers.
- Used DRF(Django Rest Framework) to build the services.

## PROGRAMMING SKILLS

- **Relevant Coursework:** Data Structures and Algorithms, Computer Systems, Databases, Operating System, System Design
- **Programming Languages:** Python, Java, C++, JavaScript, Golang
- **Databases:** PostgreSQL, SQLite, Redis, Cassandra
- **Frameworks and Tools:** Django, React, NodeJS, Express, Celery, Git, Postman, Docker.
- **Messaging Queues:** Rabbit MQ