

ANKIT KUMAR

Bengaluru, KA, IN

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ABOUT ME

I have 2.5 years of experience in software engineering, I've built robust, scalable solutions, optimized performance, and added new features to projects. My expertise includes API design and database.

WORK EXPERIENCE

Techolution, Python Developer

May 2022 - Present

Python, FastAPI, SQL, Docker, RabbitMQ, AWS(ECS, S3), Redis

Client - iHeartMedia

- Designed and refined end-to-end architecture to ensure **optimal performance across all back-end microservices**.
- **Implemented a robust Data Ingestion pipeline** to process metadata for music content, enabling seamless streaming access for **millions of customers**.
- **Achieved a 30 percent time reduction** in LRT runtime by optimizing our architecture with asynchronous APIs, powered by FastAPI, Redis, AWS ECS, and RabbitMQ.
- **Achieved 10 reduction in client billing** by migrating legacy MSSQL procedures to Python Dramatiq actors and integrated them into the Rovi ingestion pipeline
- **Integrated new ROVI service** into existing Artists Management service to seamlessly process artist data.

Digi Locker, Software Development Intern

Sept 2021 - Nov 2021

Government of India

- Engineered a robust delivery-oriented web application front-end for the Government of India's Poshan Tracker initiative.
- Utilized HTML, CSS, JavaScript, and TypeScript React to ensure an impeccable user interface.
- Maintained a focus on upholding superior UI quality throughout development.

TECHNICAL STRENGTHS

Programming & Skills

Python, Java, SQL

FrameWork

Flask, FastAPI, SQLAlchemy, React

Tools

Docker, MSSQL, PostgreSQL, RabbitMQ, Redis, AWS, ElasticSearch

Subject

Object Oriented Programming, DBMS

EDUCATION

Ramgarh Engineering College, Ramgarh

Aug 2018 - June 2022

Bachelor in Technology in Computer Science, CGPA: 8

Tata DAV School, Sijua, Dhanbad

Apr 2016 - Mar 2018

Intermediate Overall Percentage: 77.8

PROJECTS

REC Student Portal Project

- Led the development of a comprehensive web portal tailored for college students, facilitating access to essential college updates.
- Incorporated user-friendly features such as notices and results, resulting in a daily visitation rate exceeding 100 students.