

ANKIT KUMAR

+91-9973978221

ankitr1560@gmail.com

linkedin.com/in/Ankitkumar

Education

Birla Institute of Technology Mesra

July, 2018 – May, 2022

Bachelors of Technology in Information Technology - CGPA: 8.2

Ranchi, Jharkhand

Experience

Jubilant FoodWorks Limited

Noida, U.P.

Leading QSR Food-Tech with 180+ tech employees and 5500 cr + revenue

Software Engineer

July 2022 – Present

Loyalty Rewards Service

- Developed a loyalty service that included streak-based rewards, product incentives, and gamification, driving a 30% increase in customer engagement and boosting repeat business by 35%..
- Designed an LDAP-integrated admin panel for loyalty service, allowing team to effortlessly view details of 200,000+ users, manage over 10,000 daily earn/burn transactions, create custom loyalty rules, reducing manual processes by 40%..

Data Call Service

- Created a Data Call service enabling customers to connect with riders using WebRTC, WebSockets, and STUN/TURN servers, reducing telecom costs by 60% and saving 1.3 crore annually.
- Optimized real-time latency and reliability by implementing adaptive bitrate streaming and fallback mechanisms for low-network scenarios.

Delivery Management System

- Created a rider incentive calculation service tailored to diverse scenarios and store-specific criteria, improving Rider payment accuracy by 45% and ensuring fair compensation.
- Implemented a circuit breaker pattern to enhance the resilience and stability of the application leading to 40% reduction in downtime.

S2S Authentication Library

- Built a server-to-server (S2S) authentication library utilizing an inbuilt SSO service, significantly reducing the effort of adding SSO calls to each service.
- Developers only need to register their service on the SSO platform, plug in the library, and enable secure communication across backend services without the need for manual SSO integration. This streamlined approach cut down implementation time by 80%.

Unified Payment Service

- Integrated PAYTM Net Banking and UPI Instrument for PAYTM PG Gateway into the unified payment system, utilized across applications such as Dominos, Dunkin, Hongs' Kitchen, and Popeyes.
- Introduced a success rate service that analyzes payment gateways to recommend the most reliable options for users, leading to a 25% increase in successful transactions and improving overall payment experience for over 100,000 daily users..

Graduate Engineer Trainee

Jan 2022 – June 2022

- Conducted thorough unit and dev testing for various services, ensuring high code quality and reliability through Checkstyle and Sonar checks. Utilized JUnit and Mockito frameworks to write unit tests, achieving an impressive 93% coverage, significantly reducing the risk of defects in production.
- Improved a job scheduling system with for creating and managing jobs based on cron expressions. Enabled job scheduling, status monitoring and Integrated logging and alerts to track performance and promptly detect issues.

Technical Skills

Languages: Java, C++, SQL, JavaScript, HTML/CSS

Database: MySQL, Elastic Search(Basic), MongoDB

Frameworks/Skills: Spring Boot, React, Kafka, RabbitMQ, Competitive Programming, System Design

Achievements / Leadership

- Received the Chairperson Award for significantly improving payment success rates while reducing operational costs.
- Received the Personal Gold Award for my contributions to developing the Dynamic Loyalty Service.
- Achieved a podium finish in the company-wide hackathon with the "Common Cart" idea.

Hobbies / Interests

- Chess
- Cricket
- Table Tennis