

ANIL KUMAR

(91) 6266803923 | ak2697291@gmail.com | www.linkedin.com/AnilKumar | www.leetcode.com/AnilKumar

PROFESSIONAL SUMMARY Focus on building reliable, scalable, and maintainable backend systems. Experience with event-driven architectures, real-time pipelines, and AI-driven solutions. Work includes improving system accuracy, modernizing platforms, and enhancing performance.

EDUCATION Maulana Azad National Institute Of Technology (NIT),Bhopal Graduation: **May 2022**
BTech in Computer Science and Engineering
CGPA: 8.30/10.0

TECHNICAL SKILLS
Languages: Java, Python, C, C++, JavaScript, PHP, HTML, CSS
Frameworks: Spring Boot, Flutter, Django, Bootstrap, FastAPI
Queues: RabbitMQ, Kafka, Solace
Databases: MongoDB, MySQL
Tools: Jenkins, Grafana, Kibana, Git

WORK EXPERIENCE
Senior Software Engineer
Airtel, Gurgaon, India **July 2022 – Present**

- Worked on event-based update architecture on the **Airtel Thanks for Business Platform**, optimizing order tracking efficiency by **35%**.
- Designed and developed scalable **RESTful APIs** powering the Airtel Thanks for Business platform, handling high-volume order processing and customer interactions.
- Architected and optimized **microservices** for order lifecycle management, ensuring modularity, fault tolerance, and high availability.
- Enhanced event accuracy from **85% to 99%** through advanced validation techniques, ensuring reliable updates in order tracking.
- Led Platform migration from **Spring Boot 2 to 3** and **Java 8 to 21**, improve runtime performance by **20%**, reducing technical debt, and enabling adoption of modern language features.
- Spearheaded platform security and resilience improvements, implementing role-based access control (RBAC), circuit breaker patterns, and retry mechanisms, reducing critical production incidents by 40%.
- **Automated config driven product onboarding**, cutting setup time for new products by **70%** and reducing manual errors, enabling the business team to launch **5 new products** faster.

PROJECTS
Flutter News App | Dart, Flutter, FirebaseDB, Youtube API, News API

- **Architected and Developed:** Led the high-level design and implementation of complex application features, ensuring seamless integration of NewsAPI and YouTubeAPI for real-time news and video updates with <2s latency.
- **Maintenance and Support:** Improved database efficiency by 30% through stored procedure optimization and automated log file cleanup, ensuring smooth app performance.

Android Vision Improvement System | Java, Python, Android Studio

- **Enhanced Accessibility for the Visually Impaired:** Our solution empowers blind individuals with real-time text-to-speech conversion, enabling them to read any text aloud instantly, making printed materials, digital text, and labels easily accessible with latency < 1s.
- **Comprehensive Environmental Awareness:** Integrated Indian currency recognition with 95% detection accuracy and lighting assessment, enabling secure transactions and safer navigation.