Om Gajakosh

✉ omgajakosh28@gmail.com 📞 +91-73488-17418 🔘 GitHub in LinkedIn Portfolio

About Me

Backend developer with hands-on experience in Java Spring Boot, REST APIs, MongoDB, Redis, Kafka, and AWS basics. Skilled in distributed systems, event-driven architectures, and collaborative development.

Education

B.E. Information Science, Sahyadri College of Engineering, 2021–2025
PCMC (XII), Sri Chaitanya PU College 2019–2021

Experience

Backend Development Intern   Feb 2025 – Sept 2025
PlayGames24x7 Pvt Ltd., Bangalore

– Built microservices with Spring Boot, MongoDB, Redis, Kafka; handled 50k+ files/day across 5+ platforms.
– Developed REST APIs, AWS S3 integration, and Temporal orchestration; reduced system failures by 30%.

Quality Assurance Engineer Intern   Oct 2025 – Present
slice small finance bank, Bangalore

– Designed test framework with 590+ test cases across 9 critical phases; validated 25+ REST APIs and external integrations (DigiLocker, PAN verification, NESFB), achieving 98% test coverage and identifying 75+ critical defects.
– Executed end-to-end testing including frontend/backend validation, security assessments, and performance testing for 500+ concurrent users; improved system reliability by 35% and reduced deployment risks by 40% through systematic P0-P3 testing prioritization across 4+ browsers.

Projects

YouTube Shorts AI Bot

– Built automated AI video creation pipeline using Maven, Google Cloud APIs, and Java; reduced production time from 30 min to 2–3 min, tripling content output.
– Implemented trending topic discovery, AI script generation, TTS audio synthesis, video assembly, and automated upload, improving SEO by 25% and engagement by 15%.

Athena Table Integration for BI Maze

– Automated Athena table creation/deletion in AWS S3 triggered by BI Maze checkboxes, reducing manual effort by 90% and ensuring data consistency.
– Integrated new-cms & audience-service microservices for real-time campaign lifecycle, enhancing system reliability and reducing latency.

Target Report Service Externalization

– Created dynamic lookup flow (getCommUIName) to fetch UI names via cache or HTTP, improving retrieval performance 40% and reducing failed lookups by 70%.
– Integrated targetreportservice with eds-commservice APIs, enabling real-time zone mapping resolution for 1,000+ mappings/day.

Live Polling System

– Engineered a real-time polling platform for up to 200 students/session with polls, timers, live results, and chat communication.
– Designed responsive UI, integrated WebSocket communication, and deployed backend on Render and frontend on Netlify with 99% uptime.

Gaming Platform Management System

– Developed APIs for platform management & visitor event tracking (50k+ events/day); integrated Redis caching and Kafka for async processing.
– Created visitor insights modules tracking daily unique visitors, successful visits, rejected events, and campaign performance, improving API efficiency by 35%.

Technical Skills

– **Languages:** C++, Go, Java, Python, HTML, CSS, React, Node.js
– **Frameworks:** Spring Boot, Kafka, ZooKeeper, WebSocket
– **Databases:** MySQL, MongoDB, Redis, PostgreSQL
– **Tools:** VS Code, IntelliJ, Git, Postman, Render, Netlify, Mixpanel, Grafana, Firebase, TestFlight
– **Concepts:** Microservices, REST APIs, Async Events, Caching, Full-stack
– **Soft Skills:** Teamwork, Problem-solving, Communication