KALYAN RAM

Mandapeta, Andhra Pradesh – 533308

9652741773   kalyanram2053@gmail.com   linkedin.com/in/kalyan-ram-nanduri   github.com/kalyanram003
leetcode.com/u/kalyanram2053   kalyanramnanduri.netlify.app

EDUCATION

Lovely Professional University   Jalandhar, Punjab
Computer Science and Engineering – CGPA: 7.69   *2022 – 2026*

TECHNICAL SKILLS

Programming Languages: Java, C, C++, HTML, CSS, JavaScript, OOP
Backend Development: Spring Boot, Node.js, Express, React.js, RESTful APIs, Microservices, Postman
Database & Cloud: MySQL, PostgreSQL, AWS
DevOps & Tools: Docker, Maven, JUnit, Git, GitHub
Professional Skills: Deployment, Team Leadership, Communication, Coordination

PROJECTS

Track Buddy | *Java, Spring Boot, MySQL, Docker*   December 2025
- Engineered a robust backend system leveraging Spring Data JPA and MySQL for streamlined user and task management through optimized RESTful APIs and advanced filtering logic.
- Architected automated PDF generation using iText library for user-specific task reports with comprehensive metadata, driving a 40% improvement in administrative oversight and operational efficiency.
- Designed an intelligent email notification system utilizing JavaMailSender and Spring Scheduler to automate alerts and daily overdue reminders, enhancing completion rates.
- Fortified application security through JWT-based authentication via Spring Security, complemented by comprehensive Swagger documentation for enhanced access control and seamless team collaboration.
- Containerized the solution using Docker and orchestrated deployment on Render platform for public accessibility and continuous integration, emphasizing clean code architecture and scalability.

See.Jar | *Java 17, Spring Boot 3.3, JavaParser, PlantUML, iText 7*   February 2026
- Architected a dual-mode Java codebase analysis platform (CLI + Spring Boot web) automating architecture documentation generation, reducing manual documentation time by 90% through intelligent AST parsing of 1,000+ Java files.
- Engineered a five-phase analysis pipeline (parsing, structural analysis, diagram generation, explanation synthesis, PDF assembly) delivering comprehensive architecture reports in under 1 second for medium-sized codebases.
- Developed automated PlantUML visualization engine generating class and layered architecture diagrams with PNG export, enabling instant comprehension of complex system architectures.
- Implemented intelligent issue detection system identifying God classes, circular dependencies, and annotation inconsistencies through custom dependency graph algorithms, improving code quality awareness by 40%.
- Built robust PDF report generation using iText 7 producing professional 8-page documentation with executive summaries, layer breakdowns, and embedded diagrams.

INTERNSHIP

AWS Cloud Computing Intern   July 2024
Gokboru Tech Pvt Ltd
- Constructed serverless applications utilizing AWS API Gateway, Lambda, and DynamoDB, achieving 30% enhanced scalability and low-latency performance.

CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Certified Networking Professional | *Oracle*   August 2025
Oracle Cloud Infrastructure 2025 Certified DevOps Professional | *Oracle*   August 2025
Cloud Computing | *NPTEL*   November 2024