JENISH KUMAR

📍 **Hyderabad, Telangana** | 📞 **6204245055** | ✉ **jenishkr.gupta@gmail.com**

LinkedIn: https://www.linkedin.com/in/jenish-kumar-b9a729222/

GitHub: https://github.com/Jenishkr

Professional Summary

Java Backend Developer with hands-on experience in designing and developing scalable, high-performance applications using Java, Spring Boot, Spring MVC, Hibernate, and RESTful microservices. Skilled in implementing JWT-based security, optimizing MongoDB and SQL queries, and enhancing system stability through clean, maintainable, and testable code. Proficient in modern DevOps and development workflows, including Docker, Jenkins CI/CD, Git-based version control, and cloud deployment on AWS. Strong in debugging, code reviews, performance tuning, and delivering reliable backend solutions aligned with enterprise best practices.

Technical Expertise

- Programming Language – **Java | C | HTML | CSS | JavaScript**
- Framework – **Spring Boot | Spring Rest | Spring MVC | Hibernate**
- Java Technologies – **Rest API | Spring MVC | Spring Security and JWT Authentication | Microservices**
- IDE and tools – **Eclipse | IntelliJ Idea | STS (Spring Tools) | Maven | Log4j | SLF4j | Junit | Mockito | SonarQube testing | Postman | Advance Rest Client**
- Database Tools – **MySql | SQL Server | Oracle| MongoDB**
- Operating systems – **Windows | Linux | Mac OS**
- SCM Tool – **GIT | GitHub | BitBucket**
- Web Servers – **Apache | Tomcat**
- Orchestration Tools – **Jenkins | Docker**
- Cloud Computing – **AWS**

Certifications

- Oracle-Certified Professional credential in Oracle Cloud Database Services 2025, demonstrating proficiency in provisioning, managing and optimizing cloud database solutions.
- TCS iON Career Edge – Young Professional Certification Program 2025
- Certification of Getting Started with Artificial Intelligence – IBM (2024)
- Certification of participation in Internal Hackathon for SIH 2023
- Certification of participation in KAVACH Internal Hackathon for 2023

Education

B.Tech- Computer Science Engineering, July 2025
Techno International Newtown, Kolkata

Work History

Java Backend Developer, Aug 2025 to Present
Zircog Technologies

• Designed and integrated RESTful APIs to enable smooth communication between front-end and back-end systems, improving overall application performance.
• Utilized MongoDB and SQL databases for CRUD operations and query optimization, enhancing data retrieval efficiency and improving overall application performance.
• Implemented secure authentication and authorization workflows using Node.js and JWT, strengthening application security.
• Performed detailed code reviews and validation tests, followed by controlled deployment workflows to maintain release integrity and minimize defects.
• Managed version control and collaborative development workflows using Git and GitHub, ensuring consistency, traceability, and smooth code integration.
• Collaborated with cross-functional teams to deliver features within deadlines while enhancing code efficiency and system reliability.

Web Development Intern, July 2023 to Aug 2023
CodeClause

• Developed and deployed web applications using HTML, CSS, JavaScript, and PHP, building three minor projects during the internship.
• Worked with XAMPP to configure and manage a local development environment, enabling smooth testing and deployment of PHP-based applications.
• Integrated Firebase services, including real-time database operations, to add dynamic data handling and improve application responsiveness.
• Applied Git and GitHub for version control, maintaining organized project repositories and collaborating effectively with the development team.
• Collaborated with a team of developers to ensure responsive and functional designs.
• Enhanced frontend/backend development, team collaboration, and deadline management skills.

Project Details

#Project 1	**API & Batch Job Development**, Aug 2025 to Present
Client	**Glowlonix**
Role Performed	In this role, I developed and optimized RESTful APIs using Java and Spring Boot to support high-volume data flow within the Glowlonix trading platform. I designed and implemented Spring Batch jobs to automate data clean-up, validation, and processing, ensuring accuracy and consistency across trading records. I translated business requirements into detailed technical designs and workflows while building efficient Reader, Processor, and Writer components for large-scale data handling. I worked closely with cross-functional teams to validate logic, maintain batch stability, and deliver reliable features. Additionally, I performed thorough testing, debugging, and performance tuning to enhance system efficiency and overall data quality.
Environment	Java 11 & 17, Spring Boot, Spring Batch, Kafka, Redis, Microservices, Angular, React, Oracle, AWS, Maven, Log4J, JIRA, Confluence, Postman, IFD CDU 53, Clean-Up Job Framework
Description	The project involves developing secure, scalable REST APIs for handling trading-related data flows and integrating various platform services. In addition, Spring Batch–based jobs are implemented to clean, validate, and optimize large datasets, ensuring data accuracy and system reliability. These batch processes automate the removal of outdated or inconsistent records, improving overall platform performance and maintaining data integrity across trading workflows.

#Project 2	**Web Application Development,** July 2023 to Aug 2023
Client	**CodeClause**
Role Performed	During this internship, I contributed to developing and deploying responsive web applications using HTML, CSS, JavaScript, and PHP. I worked with XAMPP to configure and maintain a stable local development environment for seamless testing and execution. I integrated Firebase real-time database features to enable dynamic data updates and interactive user experiences. Additionally, I utilized Git and GitHub for version control, ensuring clean repository management and smooth team collaboration. This role enhanced my frontend and backend development capabilities, improved my understanding of full-stack workflows, and strengthened my teamwork and project execution skills.

Environment	HTML, CSS, JavaScript, PHP, XAMPP, Firebase (Realtime Database, Firebase Console), Git, GitHub, VS Code
Description	This project involved building and deploying multiple web applications as part of the internship training program. The focus was on creating responsive user interfaces, implementing dynamic functionality with JavaScript and PHP, and integrating Firebase services to manage real-time data. The applications were developed, tested, and deployed using the XAMPP environment, ensuring smooth execution of backend modules. The internship provided hands-on experience with full-stack web development, database integration, and collaborative version control practices.

#Project 3	**Email Sending Service REST API**
Role Performed	Designed and developed a scalable email and notification microservice using Java Spring Boot, implementing RESTful APIs for sending plain text, HTML, and attachment-rich emails. Integrated Jakarta Mail for secure SMTP communication, RabbitMQ for asynchronous delivery and retries, and PostgreSQL for logging, tracking, and analytics. Built a modular, containerized architecture using Docker to ensure reliability, high availability, and smooth integration with frontend modules. Enhanced system capabilities by adding template support and laying the groundwork for advanced features like rate limiting, analytics, and a React-based admin dashboard.
Environment	Java 17, Spring Boot, Jakarta Mail (JavaMail API), PostgreSQL, RabbitMQ, RESTful APIs, React.js, Tailwind CSS, React Router, React Context API, JWT Authentication, Docker, AWS
Description	A full-stack "Email Sending Service" designed as a scalable and asynchronous communication system, consisting of a Spring Boot REST API and a React-based frontend dashboard. The platform supports secure user authentication, HTML/plain-text email delivery, attachment handling, email templates, and detailed logging and tracking via PostgreSQL and RabbitMQ.

#Project 4	**Smart OPD & Resource Allocation Platform**
Role Performed	Developed full-stack modules and scalable RESTful APIs to streamline OPD operations, admissions, and resource tracking. Implemented JWT-based authentication with dynamic role-specific dashboards and automated workflows for prescriptions and patient records. Built real-time inventory alerts and optimized system performance through a cloud-ready, secure, and scalable architecture.

Environment	AWS (EC2, IAM, S3, Lambda, CloudWatch, RDS, DynamoDB, AWS Glue, Redshift), Python, Oracle, Shell Scripting, Linux
Description	A full-stack hospital management and OPD optimization platform built using React.js, Node.js, Express.js, and MongoDB. The system streamlines outpatient queuing, bed and resource allocation, patient admissions, and medical inventory control. It includes secure role-based access using JWT, real-time inventory notifications, and scalable RESTful APIs for integration with healthcare systems. The platform is designed on a cloud-ready architecture to support future enhancements, including telemedicine modules and IoT-enabled patient monitoring.