

MONU PAL

Mumbai ,India • +9136785872 • mp801166@gmail.com
[linkedin.com/in/monu-pal-205894282](https://www.linkedin.com/in/monu-pal-205894282) || <https://github.com/monu-pal>

SUMMARY

Full Stack Java Developer with 2+ years of experience building scalable applications using Spring Boot and ReactJS. Proven ability to boost system performance, deliver secure AWS solutions, and write clean, high-quality code in Agile environments.

WORK EXPERIENCE

Software Developer, Nuvo Aeon Diamond & Jewellery LLP

Aug 2023 – Dec 2025

- Developed highly scalable backend modules using Java (JDK 1.8+), SpringBoot, Hibernate, and PostgreSQL/MySQL, ensuring exceptional performance, robustness, and system reliability.
 - Developed and secured RESTful APIs with JWT authentication, email encryption, and RBAC to enforce controlled access and prevent unauthorized operations.
 - Designed optimized database schemas and implemented CRUD operations, pagination, rejection workflows, and detailed activity logs to improve usability, performance, and traceability.
 - Integrated AWS services (EC2, S3, DynamoDB) to automate deployment pipelines, enable reliable cloud storage, and provide real-time monitoring and performance insights.
 - Improved code quality by writing comprehensive unit tests using JUnit and Mockito, significantly reducing defects and enhancing maintainability.
 - Built responsive and modern UI components using React.js, JavaScript, HTML, CSS, Bootstrap, and Tailwind CSS to enhance user engagement and interface performance.
 - Developed a cross-platform Java Swing desktop application, improving UI responsiveness and boosting overall user experience by ~30%.
 - Implemented a secure Spring Boot backend with JWT authentication, encrypted communication, and optimized PostgreSQL queries to improve real-time data handling and strengthen RBAC security.
 - Optimized system performance through query tuning, caching strategies, and streamlined backend logic to achieve faster data processing and higher throughput.
 - TechStack: Java, Swing, Spring Boot, REST APIs, JWT, PostgreSQL, React.js, AWS, JUnit, Mockito.
-

PROJECTS

E-Commerce Web Application

- Built a scalable e-commerce platform with product browsing, filtering, cart management, secure checkout, and a fully responsive React.js UI.
 - Developed microservice-based Spring Boot backend with REST APIs, JWT security, and optimized PostgreSQL schemas for inventory, orders, users, and payments.
 - Added payment gateway simulation, email notifications, and an admin dashboard with improved system performance using caching and query optimization.
-

EDUCATION

Bachelor of Engineering in Information Technology

May 2020 - May 2023

- Yadavrao Tasgaonkar Institute of Engineering & Technology, Mumbai, Maharashtra.
-

TECHNICAL SKILLS

- **Front-end:** HTML, CSS, JavaScript, Bootstrap, ReactJS, Tailwind CSS
 - **Back-end:** Core Java, Java 8, J2EE, Spring Core, Spring Boot, Spring MVC, Hibernate, JDBC, JSP, Servlet, REST API, Microservices
 - **Database Management:** MySQL, PostgreSQL, MongoDB
 - **DevOps & Tools:** CI/CD (GitHub Actions), Docker, Kubernetes
 - **Cloud Platforms:** AWS (EC2, S3, Lambda, RDS, SNS)
 - **Version Control & Tools:** Git & GitHub, VS Code, Eclipse, IntelliJ, Maven, Postman, RabbitMQ, Apache Kafka, Linux, Shell Script, Jenkins, Spring Security
 - **Other Skills:** jQuery, Ajax, JSON, JUnit, Mockito, XML, Jira, Data Structures & Algorithms, SDLC, ChatGPT, Copilot, Cursor.
 - **Personal Drive:** Cleancode and strong debugging skills with up-to-date industry knowledge.
-

SOFT SKILLS & CERTIFICATIONS

- Team Collaboration, Problem Solving, Communication, Time Management.
- Java Programming Masterclass (Udemy), AWS Certified Developer – Associate, Responsive Web Design (freeCodeCamp), MySQL Certification.