

PRAYAG GARG

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portfolio: prayaggarg7.github.io/my-portfolio/

PROFESSIONAL SUMMARY

Results-driven Full Stack Software Engineer with 3+ years of experience in designing and implementing scalable web applications using Java Spring Boot and Angular. Proven expertise in developing high-performance REST APIs, optimizing database operations, and deploying containerized solutions. Adept at collaborating in Agile environments to deliver robust software solutions that drive operational efficiency and business growth. Strong problem-solving skills with a commitment to writing clean, maintainable code and implementing best practices.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, TypeScript, SQL, C++

Frameworks & Libraries: Spring Boot, Angular, Spring Security, Hibernate, JPA

Web Technologies: RESTful APIs, Microservices, JWT, HTML5, CSS3, Responsive Design

Databases: Microsoft SQL Server, PostgreSQL, Query Optimization, Indexing

DevOps & Tools: Docker, Git, GitHub, Apache Tomcat, Postman

Hosting: Apache HTTP Server

Development Practices: Agile Methodologies, Test-Driven Development, Code Reviews

PROFESSIONAL EXPERIENCE

Software Engineer | Sona Comstar, Gurgaon-Manesar | Mar 2024 – Present

- Designed and deployed full-stack web applications using Spring Boot and Angular, automating production monitoring for 5+ manufacturing lines
- Built a live production dashboard that reduced reporting delays by 80% and improved real-time decision-making for plant managers
- Optimized MSSQL queries and indexing strategies, reducing API response times by 40% for critical production data
- Integrated QR/barcode generation and external APIs to enable cross-platform data synchronization between machines and dashboards
- Implemented automated Excel report generation, saving 15+ hours per week in manual reporting work

Jr. Software Engineer | Ascent Business Technology, Gurgaon | Jan 2023 – Mar 2024

- Designed scalable REST APIs using Spring Boot that improved backend performance by 35% for enterprise applications
- Architected a Global Search API layer across microservices, reducing data retrieval time from 5 seconds to under 1.5 seconds
- Containerized services with Docker, ensuring consistent deployment across development, staging, and production environments
- Participated in Agile sprints and code reviews, enhancing code quality and reducing defects by 20%

Trainee Software Engineer | Ducat, Gurgaon | Jun 2022 – Dec 2022

- Developed secure login and authentication systems using JWT and Spring Boot, implementing role-based access control
- Built a Java Swing Notepad application with file handling, text formatting, and keyboard shortcut support
- Created a GUI-based Food Ordering System applying OOP principles and event-driven programming

EDUCATION

Master of Computer Applications (MCA), Govt. PG College, Gurgaon

Bachelor of Technology (B.Tech), DCRUST, Murthal, Sonapat (CGPA: 8.2/10)

GATE 2022 Qualified

CERTIFICATIONS

Java Spring Boot Development – Ducat

C++ with Object-Oriented Programming – Ducat

AWS Cloud Practitioner (In Progress)

PORTFOLIO

Visit my portfolio for projects and more details: <https://prayaggarg7.github.io/my-portfolio/>