Bala ganapathi

📞 +91 73392 99640 — ✉ balaganapathi33@gmail.com — 🔗 LinkedIn.com — ⊙ github.com

Software Engineer I

Summary — Enthusiastic and motivated Software Engineer with computer engineering, web application development, and software design expertise. Proficient in designing, testing, and maintaining technical requirements and innovative software solutions. Passionate about delivering seamless customer experiences through process design and consistently applying cutting-edge methodologies. Skilled in collaborating within diverse teams to drive results and achieve business objectives.

Skills

Languages:	Java	**Core Competencies :**	Object-Oriented Programming (OOP), Collection Framework, JDBC, REST API
Frameworks:	Spring Boot, Microservices		
Web Development:	HTML, CSS, Bootstrap.	**Soft Skills:**	Team Collaboration, Analytical Thinking, Logical Reasoning, Problem Solving, Professional Communication
Frameworks:	Spring Boot, Microservices		
Database Management:	MySQL, MongoDB		
Tools & Technologies:	Git, Jenkins, Docker		

Education

Yadva College   **June 2020 – APR 2023**

Bachelor of Science in Computer Science with 7.0/10 CGPA

Minors: Developed a clear understanding of operating systems, data structures, and algorithms.

Experience

Java Developer(Coding Club Member)   **Jul 2023 – Dec 2023**

Yadava college

– Designed, developed and maintained new software and scalable components, improving system performance by 25%.
– Analyzed to determine technical requirements and design evaluations for integration with existing systems.
– Reviewed and edited code to ensure alignment with customer feedback and business specifications.
– Collaborated with the Quality Assurance team to create test automation scripts to drive consistent application performance.
– Developed documentation, including technical manuals and software design specifications.

Volunteer Coding Instructor   **Jan 2022 – Mar 2022**

Elshadai-IT-Education

– Created a robust employee management system using Spring Boot and MySQL, improving organizational efficiency by 30%.
– Conducted test planning, execution, and debugging to ensure reliability and consistency in functionality.
– Provided process design solutions and professional documentation to facilitate system scalability and adaptability

Projects

Nova Care – Healthcare Management System   **Project-Link**   *Duration: [Aug 2024] - [Nov 2024]*

– Developed a comprehensive healthcare management system using Spring Boot and Thymeleaf for managing patient appointments, medical records, and billing.
– Designed a secure REST API to handle data management, reducing query time by 25%.
– Enhanced the UI for patient registration and scheduling, improving user satisfaction by 30%.

Online Bus Ticket Booking System   **Project-Link**   *Duration: [July 2024] - [Aug 2024]*

– Built a dynamic web application featuring user authentication, account management, and booking functionalities.
– Designed backend logic in Java for seamless transaction handling, increasing booking accuracy by 40%.
– Integrated a responsive UI for booking and schedule management, ensuring a smooth user experience.

Certifications

– **Java Full Stack Developer**, Guvi
– **HackerRank Software Engineer Certificate**, HackerRank
– **Oracle Cloud Infrastructure Foundations Associate**, Oracle
– **Diploma in Java Programming**, E-Max India