GONELA ADARSH

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Portfolio: **https://adarshgonela.github.io/PortFolio/**

Profile Summary:

A passionate and results-driven **Software Engineer** with hands-on experience in developing scalable and robust web applications using **Spring Boot** and **Java**. Proficient in building system architecture, implementing complex business logic for real-time scenarios, and working with **Microservices, APIs**, and data validation through DTO-entity mappings. Skilled in using tools like **Postman**, **Swagger**, and **GitLab**, with expertise in deployment and collaborative development. Demonstrates strong problem-solving and teamwork abilities through code reviews, troubleshooting, and knowledge sharing. With a proven track record in delivering impactful solutions for projects like e-commerce platforms and personal full-stack applications, I am committed to continuous learning and leveraging my technical expertise to drive success in dynamic, growth-focused organizations.

Work Experience:

Software Engineer Trainee | INAS Technologies Pvt Ltd, Secunderabad, Hyderabad (September 2023 - December 2024)

Project:Hospital Management System

Technologies: Spring Boot, Java, MySQL

- Developed data transfer objects (DTOs), data access objects (DAOs), service layers, and controller layers.
- Implemented business logic for real-time scenarios like **patient admissions**, **appointments**, **billing**, and **medication management**.
- Created mappings between DTOs and entities for data conversion and validation.
- Provided support and assistance to team members through code reviews, troubleshooting, and knowledge sharing.

Professional Skills:

- **Programming Languages:** Java (Core & J2EE),Angular Basics.
- **Frameworks:** Spring (IOC, DI, MVC),Spring Boot.
- **Databases:** MySQL
- **Web Technologies:** HTML, CSS.
- **Version Control:** Git.
- **Other Technologies:** Postman, Swagger

Personal Projects:

E-commerce site(Recent Project):

Technologies: Spring Boot, Spring Security, Microservices, JWT, Eureka Server, OpenFeign

Development of an E-commerce System using Spring Boot, Java, and Microservices.

- I implemented key functionalities such as **product management, order processing, payment integration, and inventory tracking.**
- I integrated **Spring Security** with JWT for secure user authentication, and used **OpenFeign** for efficient communication between microservices. Additionally, I set up Eureka Server for service discovery and **load balancing**.
- I developed **DTOs and DAO**s from scratch, ensuring smooth data conversion and validation.
- Throughout the project, I independently handled the entire development process, including code reviews, troubleshooting, and knowledge sharing, maintaining high-quality standards and system performance.

Full Stack Project: BookMyShow

Technologies: Spring Boot, Spring Security(Basic Auth), API documentation, Swagger,Monolithic

- Developed a project similar to the BookMyShow application with the backend implemented using **Spring Boot 3** and secured with Spring Security 6.
- Data was inputted using Postman, and API documentation was generated using Swagger. Additionally, data can also be inputted using **SwaggerUI** (User Interface).

Training:

Full-stack Java Developer Course

Jspiders (July 2022 - March 2023)

- Comprehensive training in **Java , Spring ,Spring Boot, MySQL, Hibernate, JDBC, REST APIs, and Servlets**.

Internship Training (April 2023 September-2023**)**

- Comprehensive training in **Github, Visual Studio Code ,Code Review ,Testing ,Clean Code ,Debugging and Troubleshooting.**

Other Technologies: -
- Good knowledge on Github.
- Hands-on experience in Code-Deployment.

College Projects:

- **Mini Project**: Optimal Information Centric Caching using Device to Device Communication.
- **Major Project:** Advanced Robot for Military Applications using Zigbee Communication.

Educational Qualifications:

University	Year of Pass out and Results
B Tech(Electronics and Communication Engineering) Aurora's Technological and Research Institute,Hyderabad	[2018– 2022] 6.35 CGPA
T S Board of Intermediate (12th Grade) Pragathi Junior College,Hyderabad	[2016– 2018] 802 marks
Board of secondary Education (10th Grade) Gowtham High School	[2016] 8.5 CGPA

Soft Skills:
1. Communication
2. Problem Solving
3. Time Management

Declaration:

I hereby declare that the above information provided is true to the best of my knowledge and belief.

Place: Hyderabad   **(GONELA ADARSH)**
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