Rakesh Madasu

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CAREER OBJECTIVE

Highly motivated and technically skilled **Full Stack Developer** with hands-on experience in building responsive and scalable web applications using **Java (Spring Boot)** and **.NET Core** on the backend, and **Angular** on the frontend.Eager to apply technical knowledge in real-world projects, collaborate in agile teams, and continuously enhance coding and problem-solving skills.

EDUCATION

❖ **B.Tech** in Electrical and Electronics Engineering.   JUL 2019-SEP 2022
    Svs Group of Institutions, Hanamkonda.
❖ **Diploma** in Electrical and Electronics Engineering.   JUN 2016-APR 2019
    Sanjay Gandhi Govt. Polytechnic, Adilabad.

TECHNICAL SKILLS

Backend: Java (Spring Boot), .NET Core.
Frontend: Angular, JavaScript, TypeScript, HTML5, CSS3
Database: MySQL, MongoDB.
Tools: Git, GitHub, Docker (Basic), Postman, VS Code, IntelliJ IDEA, Visual Studio
Concepts: RESTful APIs, MVC Architecture, Authentication & Authorization,OOPs.

PROJECTS

Hotel Management System ↗**Github**

Tech Stack: Spring Boot, Spring Security, MySQL, Thymeleaf, HTML, Bootstrap.
- **Developed** a full-stack **Hotel Management System** using **Spring Boot, Thymeleaf, and MySQL** to manage rooms, guests, and reservations with **CRUD operations** and **RESTful APIs**.
- **Implemented Spring Security** for authentication, authorization, and **role-based access control**, ensuring secure and reliable backend operations.
- **Designed** a responsive **Bootstrap UI**, optimized **SQL queries**, and added **input validation and error handling**, improving **transaction accuracy by 99%** and enhancing user experience.

Tasks Management App ↗ **Github**

Tech stack: .NET Core MVC, C#, Entity Framework Core, SQL Server, Razor Views.
- **Developed** a **Todo Management Web Application** using **ASP.NET Core MVC, C#, Entity Framework Core, and SQL Server**, implementing **CRUD operations** for task creation, update, deletion, and completion.
- **Designed** and integrated **dynamic filtering** by category, due date, and status using **LINQ queries** and a **custom Filters class**, improving data accessibility and user experience.
- **Built** a responsive **Razor View interface** with **Bootstrap** and **SelectLists**, ensuring **scalability, clean architecture**, and **optimized database performance** for smooth task management.

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

- Certified in **Java Full Stack Development**, gaining expertise in **Java, Spring Boot, JavaScript, and MySQL,** with hands-on project experience.
- Certified Java Programming by Great Learning.