Yaroju Madhu Kumar

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PROFESSIONAL SUMMARY

Motivated Java Full Stack Developer with experience in building scalable web applications using Core/Advanced Java, Spring Boot, and front-end technologies. Skilled in DevOps tools like Git, Maven, SonarQube, and Linux. Focused on clean code, performance optimization, and delivering quality solutions in agile environments.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript
- **Frameworks:** Spring Boot, Spring MVC, Hibernate, JSP, Servlets
- **Frontend:** Html, CSS, JavaScript, React.js
- **Databases:** MySQL .
- **DevOps Tools:** Git, GitHub, Maven, SonarQube, Tomcat, Linux
- **Other Tools:** MS Office , Excel , Word ,Power Point , Prompt Engineering Basics
- **Soft Skills:** Communication, Presentation, Creativity, Problem-solving, Adaptability

PROJECTS

- **Restaurant Management System (Spring Boot)**
  - Built a full-stack web application to manage orders, reservations, and menus. Used Spring Boot for backend APIs and MySQL for data storage. Improved operational efficiency with streamlined UI and logic.
- **Student Management System (JSP/Servlets)**
  - The Student Management System is a web application designed to manage student details. This system allows administrators to add, update, delete, and view student records. The application uses Java Servlet technology for backend processing, JSP for dynamic page rendering, and JDBC for database connectivity.
- **Machine Learning-Based Fire Surveillance System**
  - Designed a fire detection prototype using ML algorithms achieving 92% accuracy. Focused on real-time alerts and safety automation. Implemented data stream analysis for early incident detection and safety Enhancement.
- **Food Delivery Web App**
  - Created a responsive front-end using HTML, CSS, and JavaScript. Features include live menu browsing and basic order simulation.
  - **Live Demo** | **Source Code**
- **Food Delivery Web App**
  - Developed a clean UI showcasing restaurant items and information.
  - **Live Demo** | **Source Code**

CERTIFICATIONS

- **HackerRank:** Java, JavaScript, CSS, MySQL(Basics & Intermediate)
- **Accenture (Centum) :** Data Analytics
- **Great Learning:** Cloud Foundations, Microsoft Azure Essentials, SQL, Java, Html.

EDUCATION

B.Tech in Electronics and Computer Engineering

JB Institute of Engineering and Technology | 2020 – 2024

CGPA: 7.97 / 10

INTERNSHIPS/TRAINING

Java Full Stack Intern

Great Coder Trainings LLP | June 2024 – Jan 2025

- Trained on full-stack Java development including Spring Boot, JSP, JDBC. Worked with DevOps tools like Maven, GitHub, and SonarQube for CI/CD and code quality. Built mini projects and REST APIs for hands-on learning.

LEADERSHIP & ACTIVITIES

- **General Secretary, NSS JBIET (2023–24): Led team initiatives and events.**
- **Hackathon Participant, National Level Hackathon – JBIET**