BHARATH KUMAR G R

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PROFESSIONAL SUMMARY

An aspiring full-Stack Java developer skilled in building dynamic web applications using HTML, CSS, JavaScript, and Java with MySQL. Experienced in back-end development with Java frameworks (such as Spring Boot), API integration, and developing data-driven solutions through real-time projects and internships.

EDUCATION

Bachelor of Engineering (B.E) – Electronics and Communication Engineering,
RYM Engineering College, Bellary − VTU, Belagavi   2022 - 2025
CGPA: 8.4

Diploma in Electrical and Electronics Engineering,
HSK Polytechnic, Bellary DTE Karnataka   2019 - 2022
Percentage: 62.97

SSLC (10th Grade),
SPSR Composite Junior High School, Rampura (KSEEB)   2018 - 2019
Percentage: 81.76

SKILLS

Frontend :	HTML,CSS,JavaScript
Backend :	Core Java-JDK,JRE,JVM,Tokens,Data types, Control Constructs, OOPs,Arrays,Strings,Exception Handling and Multi Threading Concepts.
Database :	MySQL- DDL (Define), DML (Manipulate), DQL (Query), TCL (Transaction), DCL (Control),MongoDB(Basics)
Tools :	Git, GitHub, VS Code and Eclipse
Soft Skills:	Team Collaboration, Debugging, Problem solving, Communication.

INTERNSHIP EXPERIENCE

Java Full Stack Developer Intern
Vstand4U Training Institute, Bengaluru — Feb 2025 – June 2025

- Completed an intensive 5-month full-stack training program using Java and MySQL and MangoDB.

PROJECTS

Smart Automatic Watering and Irrigation System: C Programming, IoT, Embedded Systems, Sensors, Machine Learning (Edge), RESTful APIs Developed a smart irrigation system using soil moisture, temperature, and humidity sensors to automate watering based on real-time conditions. Implemented integration of RESTful APIs for real-time data transmission and remote control via a web or mobile interface. Optimized water usage by dynamically adjusting irrigation schedules, improving agricultural efficiency and sustainability.

Online Retail Customer Segmentation: Technologies: Java, MySQL, JDBC, Apache POI, Weka (or a similar Java ML library) Developed a data-driven solution to segment online retail customers based on purchasing behavior. Implemented data preprocessing and clustering algorithms (K-Means) using Java and integrated with MySQL to manage customer records and perform advanced SQL queries. Delivered actionable insights for targeted marketing through data visualization and segmentation logic, utilizing Java-based reporting tools and libraries.

EXTRA-CURRICULAR ACTIVITIES

- **Volunteer Cow Rescue Initiative :** Participated in community efforts focused on the rescue and rehabilitation of injured and stray cows, helped organize awareness drives, provided basic care, and coordinated with local shelter.

LEADERSHIP

- **Event Organizer – Saraswati Puja (Hostel Committee Leader):** led and coordinated a cultural event with more than 125 participants. Managed logistics, budgeting, and cross-team communication to ensure smooth execution.

- **Team Captain – Volleyball (10th Grade):** Directed team practices and led the school team during inter-school competitions, fostering teamwork, discipline and sportsmanship.

LANGUAGES

- English (Fluent)

- Kannada (Native)

- Telugu (Conversational)

- Hindi(understand)