

## AVISHKAR YADAV

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### SKILLS

- **Programming Languages:** Java, Python, C, SQL
- **Web Development:** HTML, CSS, JavaScript, React.js
- **IoT & Embedded Systems:** Arduino, Raspberry Pi, Embedded C
- **Tools & Frameworks:** Git, REST APIs, Firebase
- **Problem-Solving & DSA:** Strong grasp of algorithms & data structures

### EDUCATION

- B. Tech in Computer Science & Engineering (IOT) | **Sharda University**, Greater Noida **CGPA: 8.29** | (Expected Graduation: 2026)
- XII (CBSE) | M.D.V.M (Parle) School **82% | 2022**

### PROJECTS

- **Spotify Clone** – Developed a music streaming web application using **HTML, CSS, and JavaScript**, replicating core functionalities of Spotify.
- **Kartavya NGO Website** – Designed and developed a **web platform** to facilitate **volunteer coordination and student engagement**, enhancing organizational impact.
- **Fire-Fighting Robot** – Designed and implemented an **IoT-based autonomous robot** for fire detection and suppression using **sensors and actuators**.
- **Smart Irrigation System** – Engineered an **automated irrigation system** utilizing **Arduino, soil moisture sensors, and water pumps** for optimized water usage.

### ACHIEVEMENTS / HOBBIES

#### Oracle Certifications | JULY 2023 – DECEMBER 2024

- Mastered the fundamentals of **Java programming** and **MySQL database management**, establishing a solid foundation in backend development.
- Acquired industry-recognized skills in database management and **Java development**, enhancing coding **proficiency and system design**.

#### Smart Irrigation System | Hackathon Participation | July 2023 – October 2024

- Developed a MERN stack and IoT-based smart irrigation system for automated water management.
- Gained hands-on experience in full-stack development and IoT integration.