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.