

RITESH DHARA

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PROFESSIONAL SUMMARY

Motivated and detail-oriented computer applications student currently pursuing an MCA. Proficient in Java, Web Development, and IOT, with hands-on experience creating responsive websites and functional hardware projects. Eager to leverage academic knowledge and project experience to contribute to a challenging entry-level software development role.

EDUCATION

- **MCA** | Brainware University Pursuing | Expected 2027
- **BCA** | Brainware University 2022-2025 | SGPA: 7.70

SKILLS

- **Languages:** Object-Oriented Programming (**Java**), C++, **JavaScript** (ES6)
- **Android Development:** using java
- **Concepts:** IoT, Microcontroller, Computer Networks, Operating Systems, Software Engineering

PROJECTS

Netflix Clone | Front-End Web Application

- Developed a fully responsive user interface with HTML5 and CSS3, replicating the Netflix platform's design for optimal viewing on any device.
- Implemented dynamic user interactions, including content carousels and modals, by manipulating the DOM with vanilla JavaScript.

IoT Indoor Air Quality Monitoring System

- Engineered a hardware prototype by interfacing an ESP32 microcontroller with various sensors (DHT11, MQ-135) to gather real-time environmental data.
- Developed C++ firmware to process sensor inputs and display live temperature, humidity, and air quality metrics on an OLED screen.

RELEVANT COURSEWORK

- Data Structures & Algorithms, Web Technologies: HTML, CSS (Flexbox, Grid), DOM Manipulation, Computer Networks, Operating Systems, Software Engineering Principles.