Aayush Bhargava

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Backend Software Developer

Highly motivated Electronics and Communication Engineering student with a passion for coding, app development, and cutting-edge technology. Eager to build innovative solutions and gain hands-on experience through challenging projects. Skilled in Java, Android development, and exploring Spring Boot for robust backend solutions. Enthusiastic learner with a goal to secure a software developer analyst job and grow as a tech professional.

Projects

Hospital Management System   2023
Core C++ Concepts

- A console-based application to manage patient records, doctor schedules, and billing in a hospital setting. This project showcases your ability to handle data structures, file operations, and algorithms effectively.

E-commerce Plateform with AI intergration   2024
AI/ML (NLP), Java Spring Boot, REST API Development, Database Management (MySQL), Payment Gateway integration.

- An AI-driven e-commerce platform that personalizes the shopping experience by recommending products, optimizing search results, and automating customer interactions.

Bluetooth-Based Home Automation System   2024
Bluetooth Communication, Microcontroller Programming, Relay Control

- The Bluetooth-Based Home Automation System allows users to control home appliances such as lights and fans using a mobile app connected to a microcontroller via Bluetooth. The system uses Bluetooth modules (HC-05/HC-06) for communication, and the microcontroller controls the appliances using relays. An Android app provides an intuitive interface for users to switch devices on/off remotely. This project demonstrates skills in embedded systems, Bluetooth communication, and mobile app development.

Education

X   March 2019 - Jan 2020

Chinar Public School, Alwar

- • Academic Achievement: Secured 74% overall, demonstrating a solid foundation in mathematics and sciences.
- • Consistently performed well across all subjects, reflecting strong learning aptitude and discipline.

XII May 2021 - Jan 2022

Children's Academy Convent School, Alwar(Raj.)

- • Academic Excellence: Scored 73% overall, with a strong focus on Physics, Chemistry, and Mathematics (PCM): 69%.
- • Demonstrated proficiency in problem-solving and analytical thinking through consistent performance in core STEM subjects.

B.Tech in Electronics and tele-communication engineering 2022-2026

Symbiosis Institute of Technology, Pune

- Graduated with a 5.5/10 GPA.

Other Activities

- Member of the New York soccer club. I enjoy sport, traveling, listening to music and sharing a great meal with friends.