Kushagra Goswami

Software Developer

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PROFILE

Accomplished full-stack developer with expertise in C, C++, Python, OOP, and front-end technologies like HTML, CSS, JavaScript, and React.js. Skilled in database management (SQL) and data analysis (Advanced Excel), with a proven track record of delivering scalable, user-focused solutions through technical and analytical excellence.

EDUCATION

B.Tech. Electrical and Computer Engineering
MIT-WPU | CGPA:8.91
Pune, India

XII (CBSE)
Little Kingdom School | 91%

X (CBSE)
St. Gabriel's Sr. Sec. School | 94.2%

LANGUAGES

English

Hindi

AWARDS

Meritorious Student of MIT-WPU
MIT-WPU

SKILLS

Programming Languages:
C, C++, Python

Programming Paradigms:
Object-Oriented Programming (OOP)

Front End Development:
HTML, CSS, JavaScript, ReactJS

Frameworks:
Tailwind CSS,Bootstrap

Tools:
Git,MySQL

SQL

Microsoft Excel

PROJECTS

E-Commerce Website – Shopper
Built a responsive e-commerce website front-end using React.js, featuring a home page with trending products and offers, category pages for Men's, Women's, and Kids' products, a product page with an image gallery and detailed information, and a shopping cart page for managing selected items.

Real-Time Power System Fault Detection and Analysis
Developed a real-time fault detection system using Arduino UNO and ESP32 for power system monitoring. The system detects line-to-line and line-to-ground faults across 3 lines (R, Y, B) and neutral, with fault type and distance displayed on an LCD screen. Leveraged the ESP32 Wi-Fi module to transmit real-time fault data to the Blynk IoT platform, enabling remote monitoring and instant fault detection via a mobile app.

COURSES

Python
NPTEL

Introduction to C++
Coding Ninjas

Data Structures in C++
Coding Ninjas

Introduction to Embedded Machine Learning

Microsoft Excel (Beginner to Advanced)