

Kushagra Goswami

Software Developer



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📍 Pune, India

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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:8.82

Pune, India

XII (CBSE)

Little Kingdom School | 90.6%

X (CBSE)

St. Gabriel's Sr. Sec. School | 92.8%

🌐 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) [🔗](#)