Rohit Kumar Kumawat

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SUMMARY

Computer Science student with hands-on experience in Full Stack Web Development. Proficient in building responsive and user-friendly web applications. Completed real-time projects focused on solving practical problems. A quick learner and collaborative team player.

EDUCATION

University of Engineering and Management, Jaipur *2022 – 2026 (Expected)*
B.Tech in Computer Science and Engineering
CGPA: 8.00 / 10

Asian Children Sr. Sec. School *2021 – 2022*
Senior Secondary School (Class XII, RBSE)
Percentage: 75.60%

Asian Children Sr. Sec. School *2019 – 2020*
Secondary School (Class X, RBSE)
Percentage: 83%

SKILLS

Programming Languages: Python, C, Java, JavaScript, SQL

Web Development: HTML, CSS, Tailwind CSS, React.js

AI/ML Tools: OpenCV, NumPy, SQLite3, Pandas

Tools and Platforms: Git, GitHub, VS Code, Arduino IDE, Jupyter Notebook, Firebase

Soft Skills: Problem-Solving, Teamwork, Critical Thinking, Time Management

PROJECTS

Samrat Dzns – E-commerce Platform

- Built a responsive platform to sell digital assets like 3D renders, thumbnails, and gaming assets.
- Integrated user-specific carts, Firebase Authentication, and Stripe-based payment flow.
- Enabled secure downloads, dark theme UI, and animated transitions for enhanced UX.
- **Tech Stack:** HTML5, Bootstrap, JavaScript, Stripe

UEM FaceVision – Face Recognition System

- Developed a real-time facial recognition app using deep learning for detection and verification.
- Captured webcam input with OpenCV and served predictions via FastAPI backend.
- Implemented Firebase Authentication for secure login and modularized backend for deployment.
- **Tech Stack:** Python, FastAPI, React.js, Firebase Authentication, Dlib, Keras, OpenCV

IoT-Based Smart Home Automation System

- Designed and implemented a smart home automation system integrating multiple IoT components.
- Enabled remote control of appliances via voice commands with real-time monitoring and feedback.
- Incorporated energy-saving features and motion/light-based automation for efficiency.
- **Tech Stack:** Arduino IDE, DHT11 (Temperature and Humidity Sensor), PIR Motion Sensor (HC-SR501),

Relay Module, KY037 Sound Sensor, MH Photoresistor Light Sensor, RTC Module, LED Lights, LCD Display with I2C, PCB Circuit Board, Jumper Wires.

CERTIFICATIONS

- **Joy of Computing using Python** — NPTEL (IIT Madras) — *Jul–Oct 2023*
- **Python for Data Science** — NPTEL (IIT Madras) — *Jan–Feb 2024*
- **Programming in Java** — NPTEL (IIT Kharagpur) — *Jul–Oct 2024*
- **DBMS** — NPTEL (IIT Madras) — *Jan–Mar 2025*

ACHIEVEMENTS

- Selected for React + AI Bootcamp organized by Kreeti Technologies after qualifying aptitude and coding assessments.
- Participated in inter-college hackathons, developing functional prototypes within strict deadlines.
- Contributed to open-source by publishing end-to-end Full Stack projects with clean, well-documented code.