AVIRAL CHAURASIA

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My Name is Aviral Chaurasia. I belong to Jaunpur, UP. I have good knowledge of Core subjects of Electronics & Communication, My biggest strength is I can work independently & as well as in team, I'm Persistent, Self-motivated, Quick learner, Tenacious and Optimistic Person.

ACADEMIC QUALIFICATION

Centre for Advanced Studies, Dr. APJ Abdul Kalam Technical University, Lucknow

- Master of Technology, M.Tech in Energy Science & Technology   (2023 – Present)

Uma Nath Singh Institute of Engineering & Technology, VBS Purvanchal University, Jaunpur

- Bachelor of Technology, B.Tech in Electronics & Communication Engineering   (2019 – 2023)

St. John's School, Jaunpur

- Class 10+2, ICSE/ISC Board (Physics, Chemistry, Mathematics, English & Hindi)   (2019 – 2023)

SKILLS & OTHER

- Basic Electronics, Electronic Devices & Analog & Digital Circuits Design
- Digital Communication, Mobile & Wireless Communication System
- IC & VLSI Technology
- Energy Science & Non-Conventional Energy Resources
- Web Designing & Website Hosting
- Python Programming Language & Image Processing

TOOLS: Microsoft Office (Word, Excel, PowerPoint), Python, MATLAB, VS Code Editor, GITHUB, Photoshop

PROJECTS

- **Major Project:** Color Detection & Segmentation based Invisible Cloak using Image Processing (Open CV)
- **Minor Project:** Lung Tumor Detection Using Image Processing (CT Images)
- Wireless Current Detector using Darlington Transistor Configurations
- Book Store Website using Web Designing (HTML, CSS, JS)
- Personal Portfolio Website made using Web Designing (HTML, CSS, JS & Bootstrap)

CERTIFICATIONS

- Python Programming Certification issued by Udemy
- Computer Networks Certification issued by Udemy
- Introduction to Machine Learning Certification issued by Amazon Web Services (AWS)
- Data Analysis & Machine Learning with Python Certification issued by IBM
- Operational Amplifier- Linear Integrated Circuits Certification issued by Udemy
- Computer Vision- Open CV Certification issued by Programming Hub & Udemy
- "Nanotechnology" Workshop Certification issued by CAS, AKTU, Lucknow

ACHIEVEMENT & AWARDS

- Winner of Quiz Competition, held at VBSPU, Jaunpur
- Winner of Essay, Craft Making, Speech, Debate Competition, held at St. John's School, Jaunpur
- Student Voluntered in National Science Day held at VBSPU, Jaunpur
- 2 Day Workshop on "Nanotechnology" held at CAS, AKTU, Lucknow
- Published my Research Paper Article on Data Mendeley Dataset by Elsevier