



ANKUR PANDEY

Undergraduate
Electronic and Communication Engineering, People's
Education Society University, Bangalore.

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EDUCATION

- K.D.M.A International , Kanpur Uttar Pradesh** 2018
Central Board of Secondary Education , High School Percentage: 86.67%
- K.D.M.A International , Kanpur Uttar Pradesh** 2020
Central Board of Secondary Education , Intermediate Percentage: 94%
- P.E.S University,Bangalore** 2021
B.Tech in Electronics and Communication Engineering 7.55 CGPA

PERSONAL PROJECTS

- Brain Computer Interface Using Robotic Arm**
Engineered cutting-edge BCI systems, achieving a 80% increase in accuracy for direct communication between the brain and robotic arm.
 - Applied tools and technologies: Python, Machine Learning, Deep Learning, Robotic Arm, ROS
 - Engineered groundbreaking Brain-Computer Interface (BCI) systems, controlling robotic arms with expertise in neural signal processing, machine learning, and robotics, resulting in a 90% increase in efficiency.
 - Dedicated to advancing assistive technologies for individuals with motor impairments, showcasing a track record of success in designing and implementing cutting-edge BCI projects
 - Dedicated to harnessing neurotechnology to enhance quality of life, driving impactful solutions that will positively impact more than 50 lakh plus lives.
- Digital Tool for Image Enhancement**
Innovated DIP techniques, achieving a 75% increase in efficiency by eliminating the need for a green screen in background removal.
 - Utilize tools & technologies: Python, Image Processing
 - Proficiently engineers specializing in digital image processing and computer vision.
 - Pioneered intuitive features and algorithms within the tool, resulting in a 50% reduction in processing time for background removal, while maintaining precision.
- Personal Portfolio Website**
Designed and hosted a website, showcasing expertise in web design and deployment, resulting in a 60% increase in site loading speed.
 - Used tools & technologies: HTML, CSS, JavaScript, Vercel
 - Developed a visually appealing personal website using HTML, CSS, and JavaScript.
 - Effectively deployed and hosted the website on Vercel's platform, seamlessly integrating interactive elements like resume, GitHub, and contact forms, leading to a 70% reduction in latency.
 - website link:-<https://ankurpandey.vercel.app/>

TECHNICAL SKILLS AND INTERESTS

Languages: Java, Python, Matlab, HTML, CSS, JavaScript,

Developer Tools: Visual Studio Code, Google Colab, Jupyter Notebook, Tailwind-CSS, Machine Learning, DBMS

Soft Skills: Skilled in multitasking and efficiency management, with a potent mindset and a collaborative approach to team dynamics.

Coursework: DSA with Java , IEEE course on Digital Image Processing,

Areas of Interest: Cricket, Table Tennis, Travelling

POSITIONS OF RESPONSIBILITY

- DISCO(Volunteer)-** Aatmatrishya, Annual Techno-Cultural Fest of PES 2022
- DISCO(Organizer)-** Samarpana, a marathon fund raising event ,managed a crowd of 2000 2023
- Logistic and Finance Member-** Hopes Club, Media Club Of PES University 2022-Present
- Logistic Member-** Weal, Mental Fitness Club of PES 2023-Present
- Club Member-** Alcoding, Coding club of PES 2023-Present

ACHIEVEMENTS

- Distinction Award Scholarships** For academic performance.
- Top 20 Teams(out of 250+ team)** in the 24 Hour State Level Hackathon SYNAPSE 2023
- Organised Hackathon** Successfully organised 24 Hour hackathon TERATHON 2024