ANKUR PANDEY

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EDUCATION

PES University   **2021-25**
B.Tech, Electronic and Communication Engineering - 7.57 CGPA   *Bangalore, Karnataka*

K.D.M.A International   **2019-20**
Central Board of Secondary Education , Class XII - - 94%   *Kanpur, Uttar Pradesh*

EXPERIENCE

Elite Video Frameworks   **June'23 - Present**
Project Manager   *Remote*
  * Oversaw the entire operational process for the startup
  * Facilitated seamless communication and task management with clients like PW, SkillNation, and TechTip24.

PROJECTS

Brain Computer Interface | Python,Machine Learning
  - Developing cutting-edge research in Brain-Computer Interfaces, aiming for a 90% improvement in model accuracy through the application of advanced mathematical techniques.
  - Implemented robust artifact removal techniques, reducing noise and interference in EEG signals by over 80%, significantly enhancing the accuracy and reliability of the BCI models.

The Chess Game | EJS, Express, JavaScript, Socket.io
  - Developed a chess game with incorporating features such as real-time game play and spectating to enhance the online chess experience
  - Ensured real-time connectivity and smooth user experience for up to three simultaneous users (2 players and 1 spectator) by solving synchronization challenges and optimizing network performance.
  - Leveraged advanced JavaScript,EJS and Express techniques to handle project and Vercel software for the project deployment with reduced latency by 50%

ShopScratch | MERN Stack
  - Designed comprehensive full-stack online shopping platform, with intuitive design and functionality to optimize the digital experience
  - Constructed a user-friendly frontend interface for the online shopping platform, harnessing EJS templates and Tailwind CSS to provide a seamless and visually appealing web app with reducing the latency by 85%
  - Managed and optimized the database using MongoDB to ensure efficient data handling and scalability.

TECHNICAL SKILLS AND INTERESETS

Languages : Java, Python, MySQL, HTML, CSS, JavaScript
Developer Tools : VS Code, Git, Jupyter Notebook
Soft Skills : Driven efficiency expert with a strategic mindset and collaborative leadership.
Coursework : DSA with Java , IEEE course on Digital Image Processing
Areas of Interest : Cricket, Table Tennis, Travelling

POSITIONS OF RESPONSIBILITY

Disciplinary Committee : Samarpana'23 - A student run initiative to serve the martyred soldiers of India.
Core Member Finance : WEAL - designed and formulated budgets for 10+ events.
Core Member Non-Tech: The Alcoding Club, managed a cross functional team of 60+ individuals, conducted various events with footfall of 150+ participants.
Logistic Member: HOPES, successfully organised 5+ events inside and outside of the campus.

ACADEMIC ACHIEVEMENTS

DAC Scholarship : Academic scholarship
Among Top 10 Teams : Competing with 200+ Teams in 24 hour state level Hackathon - Synapse