Aditya Pandey

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in mainadityapandey ○ thecritiz

Education

Christ University – B.Tech in Computer Science and Engineering *Expected Apr 2026*
- GPA: 3.45 / 4.0

Experience

Software Development Intern – Matrix Media Solutions Pvt Ltd
Kolkata, West Bengal Apr 25 – May 27, 2025
- Worked on building web-app (React, Express.js, SQL) to automate 100+ weekly orders and track 200+ daily shipments, reducing errors and support tickets by 40%.
- Streamlined maintenance logging for 100+ monthly issues, cutting resolution time by 50%.

Data Analyst Intern – Webrasta Technologies Pvt Ltd
Kolkata, West Bengal May 1 – June 2, 2024
- Discovered growth-performance gap: 25% user gain vs 8% revenue using Pandas.
- Built Seaborn/Matplotlib dashboards; linked 15% traffic dip to delayed campaigns.

Projects

Real-Time Attentiveness Checker – Facial Landmark Detection 2024
- Built a real-time attentiveness detection system using MediaPipe FaceMesh and React to monitor focus via facial landmarks.
- GitHub: github.com/thecritiz/distraction-detect

Facial Expression Detection System – Content Recommender 2023
- Created an emotion-based movie recommender using React and FastAPI with a webcam-driven FER model.
- GitHub: github.com/thecritiz/expression-upgraded

Skills

Languages & Programming: Java, Python, C, JavaScript
Web Development: HTML, CSS, Node.js, React, Express
Databases & Cloud: PostgreSQL, MongoDB, AWS, Docker
Machine Learning & Data Science: Pandas, NumPy, Scikit-learn, TensorFlow, Keras, OpenCV, Seaborn
Tools & Platforms: Git, Jupyter, VS Code, Linux Shell

Certifications

- Digital Image Processing – Great Learning; Infrastructure Economics – NPTEL (IIT Madras)
- Cisco: CCNAv7, Networking Basics, Cybersecurity – Cisco Networking Academy
- Data Analytics Visualization – Forage (Accenture)
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Organizations & Activities

IEEE & ACM – Member
Smart India Hackathon (SIH) – Software Edition, 2024
- Built a Deepfake Detection System using AI/ML for secure media authentication

Techradiance (IIT Bombay) – National Finalist, 2023
Magnovite, Christ University
- *Event Head & Quizmaster*, Tech Trivia – Supervised the event workflow
- *Event Head & Host*, Triwizard Cup – Led volunteer interviews and managed full event operations