Aditya Pandey

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EXPERIENCE

MATRIX MEDIA SOLUTIONS PVT LTD
Software Development Intern
April 25 – May 27, 2025 | Kolkata, West Bengal

- Automated the client's manual order processing workflow by building a full-stack system using React, Express.js, and SQL, significantly reducing human error and data entry time by 70%.
- Developed real-time delivery status tracking functionality, improving logistics visibility and reducing support overhead.
- Implemented a maintenance logging system with backend integration, enabling centralized tracking and faster resolution of service issues.

WEBRASTA TECHNOLOGIES
Data Analyst Intern
May 1 – June 2, 2024 | Kolkata, West Bengal

- Analyzed multi-quarter datasets using Pandas to uncover key trends, such as a 25% rise in Q2 user acquisition but only 8% revenue growth, identifying root causes of growth-performance mismatch.
- Created data-driven dashboards using Seaborn and Matplotlib, enabling stakeholders to visualize spikes/dips, attribute 15% traffic dip to delayed campaigns, and refine strategy accordingly.

PROJECTS

FACIAL EXPRESSION DETECTION SYSTEM
| Personalized Content Recommendation Tool
2023 | Bengaluru, Karnataka

- Developed a full-stack web application that recommends movies based on users' facial expressions captured via webcam.
- Integrated OpenCV and a deep learning model (trained on FER2013) for emotion classification using FastAPI as the backend.
- Built a responsive frontend using React, TailwindCSS, and Framer Motion with real-time API integration.
- **GitHub Repo:** github.com/thecritiz/expression-upgraded

EDUCATION

CHRIST UNIVERSITY
B.Tech in Computer Science and Engineering
Expected Apr 2026 | Bengaluru, Karnataka
GPA: 3.45 / 4.0

SKILLS

PROGRAMMING LANGUAGES
Java • Python • C

WEB TECHNOLOGIES
HTML • CSS • JavaScript • Node.js • React.js • Express.js

DATABASES
PostgreSQL • MongoDB

DATA & ML FRAMEWORKS
Pandas • NumPy • Seaborn • TensorFlow • Keras • PyTorch • Scikit-learn • OpenCV

TOOLS & PLATFORMS
AWS • Docker • Git • Jupyter Notebook • Bash

CERTIFICATIONS

Digital Image Processing – Great Learning
CCNAv7: Introduction to Networks – Cisco
Networking Basics – Cisco
Introduction to Cybersecurity – Cisco
Data Analytics & Visualization Job Simulation – Forage
Infrastructure Economics - NPTEL

SOCIETIES

IEEE – Member
Association for Computing Machinery (ACM) – Member

LINKS

GitHub:// **thecritiz**
LinkedIn:// **mainadityapandey**
Portfolio:// **portfolio-one-delta-46.vercel.app**