

# Aditya Pandey

main.adityapandey@gmail.com | +91 75959 72638

## EXPERIENCE

### MATRIX MEDIA SOLUTIONS PVT LTD

SOFTWARE DEVELOPMENT INTERN

April 25 – May 27, 2025 | Kolkata, West Bengal

- Engineered a full-stack web platform using **React**, **Express.js**, and **SQL** that automated a manual order processing workflow handling **100+ orders/week**, reducing human error and data entry time by **70%**.
- Developed real-time delivery status tracking for **200+ active shipments daily**, improving logistics visibility and reducing customer support tickets by **40%**.
- Implemented a centralized maintenance logging system with backend integration, enabling tracking of **100+ monthly service issues** and reducing issue resolution time by **50%**.

### WEBRASTA TECHNOLOGIES

DATA ANALYST INTERN

May 1 – June 2, 2024 | Kolkata, West Bengal

- Analyzed multi-quarter datasets using **Pandas**, uncovering key trends such as a **25%** increase in Q2 user acquisition with only an **8%** revenue growth, and identified root causes behind the growth-performance gap.
- Created data-driven dashboards with **Seaborn** and **Matplotlib**, enabling stakeholders to visualize anomalies; attributed a **15%** traffic dip to delayed marketing campaigns, leading to refined campaign strategies.

## PROJECTS

### FACIAL EXPRESSION DETECTION SYSTEM

| PERSONALIZED CONTENT RECOMMENDATION TOOL

2023 | Bengaluru, Karnataka

- Created 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](https://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](https://github.com/thecritiz)

LinkedIn:// [mainadityapandey](https://mainadityapandey)

Portfolio://

[portfolio-one-delta-46.vercel.app](https://portfolio-one-delta-46.vercel.app)