

# Mansi Gupta

Software Engineer

 Mansi-Gupta11 |  mansi-gupta |  mansigg1106@gmail.com |  8400030298 | [Portfolio](#)

## ABOUT

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Enthusiastic and motivated backend developer with hands-on experience of over one year in scalable system design, database management, and automation workflows. Proficient in data structures and backend technologies, with a proven track record of diagnosing and resolving complex technical challenges, and contributing effectively in agile, cross-functional teams.

## WORK EXPERIENCE

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- **ThreeColts** — Software Engineer *Sept 2024 – Present*
  - Developed and maintained **REST and GraphQL APIs** to register and manage Amazon and Shopify webhooks, enabling seamless integration and real-time data flow.
  - Built and managed **PHP CRON jobs** for automated data synchronization, ensuring accurate and timely updates across systems.
  - Optimized MongoDB queries by implementing **collection indexes and projection queries**, reducing execution time and improving performance.
  - Collaborated with **cross-functional teams** for global deployment and scalability; worked closely with the Support team and clients to gather requirements and deliver real-time solutions.
  - Improved the product upload workflow to enhance the user experience.
  - Resolved critical edge-case bugs in the integration app, increasing stability and user satisfaction.
- **Cedcross Technologies Pvt. Ltd.** — Software Engineer *Apr 2024 – Sept 2024*
  - Implemented front-end features enabling support teams to monitor **webhook status and product inventory**, allowing real-time query resolution without developer involvement.
  - Designed and developed custom scripts using **PHP, Phalcon, and MongoDB** to automate product uploads from Shopify to Amazon.
  - Collaborated directly with clients and Support team to gather and refine requirements, ensuring **tailored and high-quality deliverables**.
  - Managed key Amazon sync operations including **inventory management, pricing updates, and product listings**.

## PROJECTS

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- **CedCommerce Amazon Channel**
  - Seamlessly integrates Shopify with Amazon, enabling centralized e-commerce operations across both platforms.
  - Worked on core functionalities including inventory and pricing synchronization, and automated product uploads from Shopify to Amazon.
  - Developed custom scripts using PHP, Phalcon, and MongoDB to enhance backend logic and data handling reliability.
  - **Tech Stack:** PHP, Phalcon, MongoDB, GraphQL, REST API, React
- **Potato Leaf Disease Detection**
  - Designed and implemented a platform to detect potato leaf diseases using a deep learning model.
  - **Tech Stack:** Convolutional Neural Network (CNN), Flask, HTML, CSS, Python
- **Face Recognition Based Smart Attendance System**
  - Built a facial recognition-based system for automated attendance tracking to improve accuracy and efficiency.
  - **Tech Stack:** K-Nearest Neighbor (KNN), OpenCV, Python

## TECHNICAL SKILLS AND INTERESTS

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<b>Programming Languages:</b>	Python, PHP, C/C++, HTML, CSS, JavaScript, MySQL, MongoDB
<b>Tools / Frameworks:</b>	React, TailwindCSS, Phalcon, Jira, VSCode, GitHub, Postman, Linux
<b>Technical Competencies:</b>	Data Structures and Algorithms, Machine Learning, Deep Learning, DBMS, OOPs
<b>Soft Skills:</b>	Problem Solving, Leadership, Teamwork

# EDUCATION

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- **B.Tech in Computer Science and Engineering** 2020 – 2024  
Pranveer Singh Institute of Technology, Kanpur  
*CGPA: 7.9*
- **Intermediate (Class 12<sup>th</sup>)** 2020  
Lucknow Public Collegiate, Lucknow  
*Percentage: 78%*

# CERTIFICATIONS AND ACHIEVEMENTS

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- **Python Certification** – [HackerRank](#), [Infosys Springboard Part 1](#), [Part 2](#)
- **SQL Certification** – [HackerRank](#)
- **Winner, Techexpo 2022 – Project Display Contest:** Recognized for presenting an innovative technical solution.
- **TCS NQT Score:** Secured an overall score of **78.89%**.
- Solved over **1000 coding problems** – [LeetCode](#), [GeeksforGeeks](#)
- Earned a **5-Star Rating in Python and Problem Solving** on HackerRank.