



# Vikas Ghanshyam Chaurasiya

BSc Computer Science | 2022-2025 |

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## PROFESSIONAL SUMMARY OR OBJECTIVE

A highly motivated and detail-oriented BSc Computer Science graduate with strong expertise in **Python** and **Web Development**, committed to delivering innovative and efficient software solutions. Eager to join a growth-oriented organization where I can apply my technical skills, contribute to impactful projects, and continuously enhance my knowledge in software development and data-driven problem-solving.

### Hard Skills

(Technical / Domain / Industry-Specific / Technical)

- ✓ Core Python Development
- ✓ Java Development
- ✓ Web Development (Html, CSS, JavaScript)
- ✓ Framework (Django, Flask, Bootstrap)
- ✓ Tools (Microsoft Excel, Word, PowerPoint)

### Soft Skills

(Interpersonal / Behavioral / People / Emotional)

- ✓ Problem-Solving
- ✓ Self-Motivation
- ✓ Creativity
- ✓ Time Management
- ✓ Communication

## EXPERIENCE (Job/Internships)

### ❖ MicroDynamic Software Pvt. Ltd.

- **Developed and enhanced a responsive e-commerce website for Yama LED Lights**, implementing features like product listings, shopping cart, user authentication, and admin product management to improve customer experience and streamline online sales.
- Collaborated with backend developers and UI/UX designers to translate design prototypes into clean, functional frontend code, maintaining consistency with brand aesthetics and performance standards.

### ❖ Tata Consultancy Services TCS ION RIO-125

#### **Demand of Product at a Retail Outlet Based on Historical Sales Data.**

- Utilized Python for data preprocessing, feature engineering, and building predictive models to forecast product demand.
- Applied advanced Python libraries like Pandas, NumPy, and Scikit-learn to implement machine learning techniques, including time series analysis and regression.
- Improved inventory management by optimizing stock levels based on forecasted demand patterns. Delivered actionable insights that minimized overstocking/understocking and enhanced supply chain efficiency.

## PROJECTS AND COURSEWORK

### ❖ Face Recognition-Based Attendance Management System

- Developing a real-time face recognition system for automated attendance with secure user authentication to eliminate manual marking and prevent proxy attendance.
- Creating a user-friendly frontend and a robust backend, including dedicated admin functionalities for user management, attendance monitoring, and generating detailed reports. The system is designed to enhance organizational efficiency and ensure seamless, reliable performance.

### ❖ Data Mining Using Live Dataset Of Plant Leaves

- Currently working on a project to analyze and classify images of Tulsi crop leaves using machine learning and image processing techniques. The goal is to detect crop types, identify diseases, and recognize pest infestations to enhance crop health and management.

❖ **A JDBC-based Flight Booking System**

- Developed a robust system using Java Database Connectivity (JDBC) for real-time management of flight bookings, cancellations, and updates.
- Enabled secure flight searches, ticket bookings, and transaction handling with a reliable database integration, ensuring efficient user interaction and data processing.

❖ **Dynamic Educational Website Development**

- Built a static, responsive website similar to W3Schools and JavaTpoint using HTML, CSS, and JavaScript, featuring interactive code examples and navigation menus.
- Applied best web design practices to enhance user experience, ensuring easy navigation and accessibility across different devices.

**EDUCATION**

Qualification	Stream / Specialization	University / Institute	Start – End	CGPA / %
G	BSc CS	Vishwakarma University	2022-2025	8.44 CGPA
HSC	12 <sup>th</sup> Science	Trinity Junior College	2020-2022	68.80%
SSC	10 <sup>th</sup>	Gangangiri English Medium School	2020	64.80%

**PROFESSIONAL CERTIFICATIONS**

1. Crash Course on Python | Google | 2024
2. Programming with HTML, CSS | Duke | 2024
3. Machine Learning for Real World Application| TCS ION |2024
4. Generative AI : Boost Your Cybersecurity Career | IBM | 2024

**PERSONAL DETAILS**

- Languages: Hindi, English, Marathi
- Date of Birth: 01-01-2002
- Gender: Male
- Nationality: Indian
- Village: Banaras, Uttar Pradesh
- Interests: Powerlifting, Travelling, Cricket.

**CONTACT INFORMATION**

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**URLs**

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