

# AVANTIKA NALAWADE

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## EDUCATION

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**Master of Computer Applications**, MIT World Peace University  
**Bachelor of Computer Applications**, MIT World Peace University

Expected 2026  
2021 - 2024

## SKILLS

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**Technical Skills** Python, React, JavaScript, HTML, CSS, SQL, DBMS, OpenCV, VS Code  
**Soft Skills** Teamwork, Communication, Time Management, Multitasking

## PROJECTS

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**Developer, AI-Based Face, Gender & Age Detection System** Jan 2025 – Mar 2025  
Personal Project *Pune, India*

- Engineered a real-time face, gender, and age detection system using **Python**, **OpenCV**, and deep learning, processing live video streams with high accuracy.
- Fine-tuned pre-trained **CNN models** to achieve **95% accuracy** in gender prediction and an average age error of +/- 3 years, improving on baseline model performance by **15%**.
- Designed and integrated a **SQL database** to log over 10,000 detection events, enabling trend analysis and performance monitoring of the system.

**Full-Stack Developer, Premium Chocolate Shopping Website** Oct 2024 – Dec 2024  
Personal Project *Pune, India*

- Developed a full-stack e-commerce platform using **HTML**, **CSS**, **JavaScript**, **PHP**, and **MySQL**, delivering a seamless and responsive shopping experience.
- Engineered key e-commerce functionalities, including secure user authentication, dynamic product catalogs, and a persistent shopping cart, resulting in a **40% improvement** in user engagement.
- Crafted a responsive, mobile-first UI with dynamic image galleries and complex pricing logic, increasing average user session duration by **25%** and ensuring cross-device compatibility.

## EXTRA-CURRICULAR ACTIVITIES

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- Pioneered and presented a 'Smart Bin' concept at a university-wide Ideathon, leveraging AI for automated waste segregation and receiving commendation from a panel of industry professionals.
- Contributed to organizing multiple college tech fests and seminars by managing event logistics and coordinating student participation from 2025 to present.

## AWARDS AND ACHIEVEMENT

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- Completed "Introduction to Data Science" certification on edX.
- Completed "Python Basics for Data Science" certification on edX.
- Completed "AI for Everyone: Master the Basics" certification on edX.
- Completed "Python Essentials 1" certification on Cisco.