

# VACHASPATI AMAN

## WEB DEVELOPER



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### ABOUT ME

I am Vachaspati Aman, a 2nd-year BCA (Hons) student and research enthusiast at Galgotias University. Passionate about coding, artificial intelligence, and machine learning, I constantly seek to innovate and solve real-world problems. My research interests include deep learning, data science, and automation, where I aim to develop impactful solutions that bridge technology and human advancement. Always eager to learn and grow, I actively seek opportunities to enhance my skills, collaborate on exciting projects, and gain hands-on experience in emerging technologies.

### EDUCATION

#### CAMBRIAN PUBLIC SCHOOL

Passout 10 and 12 from CBSE Affiliated Private School

2020-2023

#### GALGOTIAS UNIVERSITY

Currently Ongoing BCA (HONS. WITH RESEARCH) IOP AIML

2023-2027

### SKILL

- JAVA Programming
- Creativity
- Responsive Web Design (React.js | DJANGO)
- MySQL, Firebase,
- Git & GitHub
- Canva, Photoshop
- Leadership
- Critical Thinking
- UI/UX Design

### WORK EXPERIENCE

#### Object Detection Model using PYTHON

Object Detection Model is built using Python and TensorFlow, leveraging deep learning techniques to detect and classify objects within images or video frames.

- Framework & Libraries: Implemented using TensorFlow, OpenCV, and NumPy for deep learning and image processing. Training & Optimization:
- Utilized transfer learning and fine-tuning to improve accuracy while reducing training time.

#### Personal Portfolio

I completed the development of my personal portfolio website using HTML, CSS, and Bootstrap. Throughout this project, I gained a comprehensive understanding of Bootstrap's library and how to effectively apply its features in web development. From creating responsive layouts to enhancing user experience with built-in components, Bootstrap proved to be an invaluable tool. This experience has not only improved my technical skills but also provided me with the confidence to tackle future projects with greater proficiency."

#### Voice Assistant using PYTHON

A Voice Assistant using Python with BeautifulSoup can perform various tasks like fetching news, weather updates, Wikipedia summaries, and automating basic system commands.

- Speech Recognition: Converts voice input into text using SpeechRecognition.
- Web Scraping with BeautifulSoup: Fetches real-time data like news, weather, or facts