

AWADHESH KUMAR PATEL

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CAREER OBJECTIVE

Motivated and detail-oriented MCA student at Banaras Hindu University, specializing in **full-stack development, data analysis, and machine learning**. Eager to apply technical skills to real-world projects, contribute to innovative solutions, and grow in a challenging professional environment.

EDUCATION

Master of Computer Applications (MCA)

Banaras Hindu University — 2024–2026 (*Pursuing*)

Bachelor of Science (B.Sc.) in Physics Hons.

Banaras Hindu University — 2021–2024

Higher Secondary Education (Class XII – Science)

Central Hindu Boy's School — 2019

Secondary Education (Class X)

Central Hindu Boy's School — 2017

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, C,C++
 - **Web Development:** Node.js, React.js/Next.js, Express.js
 - **Database:** MySQL, MongoDB
 - **Tools & Technologies:** Git, Docker, AWS Basics
 - **Machine Learning & AI:** Scikit-learn, OpenCV, Pandas, NumPy
 - **Others:** REST APIs, Image Processing, Data Visualization
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ACADEMIC PROJECTS

1. Neurological Disease Detection using ECG Signals (*Ongoing*)

- Developed a **feature-based ML model** for classifying ECG images to detect cardiac and neurological disorders.
- Technologies: Python, OpenCV, Scikit-learn, Matplotlib.

2. Heartbeat Classification (Normal vs Abnormal)

- Implemented a **binary classification model** using CNN for ECG signal image datasets.
- Achieved **93% accuracy** using image preprocessing and deep learning techniques.

3. Development of an E-Commerce Website

Key Work

- Developed an end-to-end e-commerce web application using HTML, CSS, JavaScript and PHP
 - Integrated a MySQL database for product management and user accounts
 - Created a user-Friendly interface for product browsing, selection and checkout
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TRAINING

- **Web Development in Full Stack** — WAP Institute — *[2023-2024]*
 - Learned frontend and backend technologies including HTML, CSS, JavaScript, Node.js, React.js, MongoDB, and Express.js.
 - Built sample projects integrating databases, APIs, and deployment processes.
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ACHIEVEMENTS & CERTIFICATIONS

- Completed **Full-Stack Development Course** – WAP Institute
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SOFT SKILLS

- Problem-solving & Analytical thinking
 - Teamwork & Communication
 - Time Management
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PERSONAL DETAILS

- Date of Birth: 01/09/2001
 - Languages: Hindi, English
 - Nationality: Indian
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DECLARATION

I hereby declare that the above information is true to the best of my knowledge and belief.