

Onkar Singh

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Certificate: [Google Drive Link](#)

Patents: [Google Drive Link](#)



Objective

Passionate and results-driven Bachelor of Technology student specializing in Artificial Intelligence, with a fervent interest in staying at the forefront of technological advancements. Eager to secure a challenging position as a programmer, where I can channelize my diverse skill set and innovative mindset to develop cutting-edge software solutions. Committed to contribute my technical expertise and collaborative spirit to drive success in a dynamic and fast-paced environment, while continuously expanding my knowledge and skills in the field of AI.

Education

Bachelor of Technology in Artificial Intelligence

Sage University Indore, 3rd Year, 6th Sem

Expected Year of Graduation: 2026

CGPA : 8.22/10

Skills and Technical Competencies

- **Programming Languages:** Python, C++, React Js, Electron, Node Js.
- **Algorithms and Data Structures:** Including Automata Theory
- **Machine Learning:** TensorFlow and Pytorch frameworks for developing and deploying machine learning models.
- **Database Management:** SQL, Oracle Database.
- **Data Analysis and Visualization:** R, Python, Power BI
- **MS Office Applications**
- **Problem-solving:** Strong problem-solving skills with a logical and analytical approach.

Courses and Projects:-

• Relevant Courses:

- Linear Algebra (NPTEL, IIT Bombay): Completed with a score of 61%
- Programming, Data Structure, and Algorithm (NPTEL, IIT Madras): Completed with a score of 67%.

• Projects:

- Published Research Paper on Humanoid Robotics: Published findings in Volume 3, Issue 2, March 2023, with DOI: 10.48175/IJARST-8935.
- Emotional Detection System: Developed a fuzzy expert system for emotion detection in students, enhancing support services for student well-being

Certifications:

• Workshops/Training/Internships:

- Engaged in a workshop conducted by the ISRO , gaining insights into space technology and applications.
- Artificial Intelligence Training and Internship

(Academor)

• Awards and Honors:

- Patent Published in Fuzzy Expert System: Developed and filed a patent application for a Fuzzy Expert System designed to detect and analyze emotions within student populations. Application No: 202421002653A.
- Patent Published in The Emotion Recognition System for Movies through Facial Expressions (ERS). Application No: G10L002524000.
- Patent Published in A System and Method for Calculating Surface Area and Compressive Strength of Irregular Paver Blocks. Application No: 202521007418A
- Patent published in A System and Method for Comprehensive Soil Test Result Calculation and Automated Report Generation. Application No: 202521007769

– IIT Patna Internships (FIST-TBI IIT Patna)

– Google Digital Garage Course (Certificate ID: ZKJH9G7AJ)