

Yogendra Singh

+91 9636560982 | yogeekhadka8@email.com | yugdev-chhetri | YYogendra121 | Raj.IND

EDUCATION

University Of Engineering and Management, Jaipur 2024 – 2028

Bachelor of Technology in Computer Science Engineering (B.Tech CSE) Present

- **Coursework:** Data Structures, Algorithms, Computer Systems, Artificial Intelligence, Machine Learning
- **Current CGPA:** 7.55/10

SBN GROUP OF EDUCATION 2024

Class XII (Science): 78.00%

SBN GROUP OF EDUCATION, Shri Madhopur 2022

Class X: 76.5%

EXPERIENCE

AceHack 5.0 2026

Organizer 7-8th March

- Worked as team lead and content creator for the hackathon; coordinated with multiple teams for smooth event execution.
- Designed graphics and promotional material for the event; improved participant engagement.
- Enhanced teamwork and leadership skills by managing a small organizing team.

AceHack 4.0 2025

Participant Rajasthan Biggest Hackathon 29-30th March

- Collaborated with a team of peers to develop innovative solutions under tight deadlines.
- Applied problem-solving and coding skills using Python, Java, and C to implement project ideas.
- Presented the project to judges, receiving positive feedback on technical approach and teamwork.

Sports Fest 2025

(Volleyball) Team Captain 5-7th Sept

- Lead the volleyball team as Captain during the Sports Fest; coordinated team strategy and training sessions.
- Guided the team to victory, demonstrating leadership, teamwork, and on-court decision-making skills.

PROJECTS

1.GPS-based Highway Hazard Detection System. 2026

Arduino Project (4th Semester) Janaury-May

- * Developed a hazard detection system using **Arduino** and GPS module to identify road obstacles and unsafe conditions.
- * Implemented real-time location tracking to alert users about highway hazards.
- * Integrated sensors for detecting environmental conditions and improving road safety.
- * Gained experience in embedded systems, GPS integration, and real-time alert systems.

2.AI-Powered Potato Leaf Disease Detection. 2025

Machine Learning Project (3rd Semester) June-Dec

- * Built an AI-based system to detect potato leaf diseases using live webcam input.
- * Applied image processing and machine learning techniques for disease classification.
- * Improved detection accuracy by training models on labeled datasets.

- * Utilized Python and relevant ML libraries for model development and real-time prediction.

3. Secure Digital Certificate System using Blockchain & NFTs.

2025

Blockchain Project (2nd Semester)

- * Designed a secure digital certificate system using **blockchain technology** and NFTs.
- * Ensured authenticity and tamper-proof verification of certificates.
- * Implemented smart contract logic for issuing and validating certificates.
- * Explored decentralized systems and fundamentals of Web3 technologies.

4. Ultrasonic Vibration-Based Structure Formation System.

2024

Hardware Project (1st Semester)

- * Developed a basic system using ultrasonic vibration principles to study structure formation and material behavior.
- * Worked with electronic components and sensors to understand vibration-based mechanisms.
- * Gained foundational knowledge in hardware systems, circuit design, and experimental analysis.

5. Personal Portfolio Website.

2025

Web Development Project

- * Designed and developed a responsive portfolio website using HTML, CSS, and JavaScript.
- * **Live Demo**

TECHNICAL SKILLS

- **Programming Languages:** Python, C, HTML, CSS, JavaScript
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Tailwind CSS
- **Databases:** MongoDB, Firebase, MySQL
- **DevOps & Tools:** Git/GitHub, Linux, VS Code
- **Relevant Coursework:** Data Structures & Algorithms, Programming, Database Management

SKILLS

Languages : Python, C, Java, JavaScript (React.js), HTML/CSS

Tools : Git-GitHub, VS-code, Blockchain, Figma

Achievements

- Organized **AceHack 5.0**, contributing to event management and coordination
- Completed **5 NPTEL certifications** in technical domains
- Featured on **Doordarshan DD Rajasthan** in the Albelo Rajasthan programme
- Won **Volleyball Tournament**, securing trophy and certificate at college level