

# RAHUL YADAV

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## Education

### GGSIU - University School of Automation and Robotics

2021 – 2025

*Bachelor of Technology, Artificial Intelligence and Machine Learning (8.8/10 CGPA)*

*New Delhi, India*

### Govt Boys Sr Sec School

2019 – 2020

*Senior Secondary (PCMB), 86%*

*New Delhi, India*

## Technical Skills

**Programming Languages:** Python, C++, C, JavaScript (ES6)

**Full Stack Development:** MERN, MEAN, React.js, Angular, Node.js, Express.js, HTML5, CSS3, RESTful APIs, JWT, OAuth, Tailwind CSS, Bootstrap

**Machine Learning:** Scikit-learn, TensorFlow, NLP

**Databases:** MongoDB, CRUD Operations

**DevOps & Tools:** Git, Postman, Jupyter Notebook, VS Code, Vercel

**Libraries and Visualization:** NumPy, Pandas, Matplotlib, Seaborn

## Experience

### Guru Gobind Singh Indraprastha University

Aug 2023 – Sep 2023

*Web Development Intern*

*New Delhi, India*

- Developed a full-stack web application to streamline medical processes, reducing administrative time by 70%.
- Enabled remote patient access for reports and hospital details, improving user experience and accessibility.
- Designed and implemented RESTful APIs using Express.js for optimized communication with a MongoDB database.

### Repaio Tech. India

Jul 2024 – Aug 2024

*Full Stack Developer*

*New Delhi, India*

- Built and deployed the company's main website using ReactJS, improving online visibility and user engagement.
- Implemented responsive design to ensure seamless experience across devices.
- Enhanced website functionality, performance, and security through full-stack development techniques.

## Projects

### ListenMusic | MERN, JavaScript, ExpressJS

[Source Code](#)

- Created a responsive web-based music player, providing seamless user experience on all devices
- Implemented core functionalities including playlist management and song playing, login and signup.
- Integrated HTML5, CSS, JavaScript, React, Node.js, MongoDB, and ExpressJS to implement key features.

### JobCircle | MEAN, Angular 17, NodeJS, HTML, CSS

[Source Code](#)

- Developed a job portal for job search and posting using Angular 17, Node.js, and MongoDB.
- Built RESTful APIs with Express.js to ensure efficient data transfer between the front-end and database.
- Implemented authentication via OAuth to ensure user data security.

### Farmer Advisory System | Machine Learning, Python, React

[Source Code](#)

- Developed a machine learning-based advisory system to recommend suitable crops, fertilizers, and tools, achieving 95% accuracy.
- Integrated web interface for crop recommendation, fire detection, and disease detection, enhancing user accessibility.
- Integrated React.js front-end with an ML back-end using Flask for seamless interaction.

## Courses/Certificates

### Supervised Machine Learning: Regression and Classification - Coursera

[Certificate Link](#)

*Issued Nov 2023*

### Advanced Learning Algorithms(ML) - Coursera

[Certificate Link](#)

*Issued Apr 2024*

## Achievements

2nd Runner-Up in DU Hackathon 2023 for developing an innovative solution in the field of development.