

YASH RATHORE

MACHINE LEARNING ENTHUSIAST

MERN STACK DEVELOPER



CONTACT

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EDUCATION

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|---------------------------|-------------|
| RGPV UNIVERSITY | 2022 - 2026 |
| • B.Tech In AI & ML | |
| • Pursuing | |
| MP BOARD | 2021 - 2022 |
| • Higher Secondary School | |
| • Per: 65.6% | |
| MP BOARD | 2019 - 2020 |
| • Secondary School | |
| • Per: 80.33% | |

SKILLS

- Languages: Python, C++, JavaScript
- ML & CV: YOLO, FaceNet, OpenCV, scikit-learn
- Data Science: NumPy, Pandas, Matplotlib
- Web Development: React.js, Node.js, Flask, Express.js
- Database & Tools: MongoDB, Cloudinary, Socket.IO, Git

LANGUAGES

- Hindi
- English

PROFILE

Passionate about machine learning and data science with a strong foundation in programming and problem solving. Focused on building intelligent systems using ML techniques to solve real-world problems. Experienced in full-stack development to support ML-powered applications.

PERSONAL PROJECT

- **Vision Safe: Real Time Surveillance Criminal & Missing Person Identifier:**
 - Built a real-time surveillance system using React, Flask, YOLO, FaceNet, and Socket.IO to detect faces, identify criminals/missing persons, and send instant alerts.
 - Skills: Flask, React.js, Sicket.IO, YOLO, FaceNet, MongoDB, Cloudinary, OpenCV
- **HennaBliss: A Mehendi Artist Finder Website:**
 - Built a location-based platform to help users discover, chat with, and book top-rated local Mehendi artists. <https://hennabliss.onrender.com>
 - Skills: React.js, Redux Toolkit, Node.js, Express.js, MongoDB, Cloudinary, Socket.io
- **BeatBlaast: A Music Streaming Website:**
 - Built a music streaming platform that plays user-selected tracks seamlessly, fetching songs from GitHub and storing user data in MongoDB. Live at: <https://beatblaast.vercel.app>
 - Skills: Node.js, Express.js, MongoDB, GitHub API, JavaScript, HTML, CSS
- **AstraEye - AI Navigation System for the Visually Impaired:**
 - AI system that guides visually impaired users with obstacle alerts and voice navigation, offering 3 modes with simple controls.
 - Skills: Python, Flask, React, Leaflet, Socket.IO, YOLO, MiDaS, OpenCV Contours, pyttsx3, Edge TTS, Gemini Flash 2.5.

INTERNSHIPS, TRAINING & CERTIFICATES

- Internships
 - Python with Data Science & Image Processing Internship
 - AI-ML Virtual Internship, Google
- Training / Programs
 - Digital Skills Readiness Program - Data Science, Wipro TalentNext
- Certifications
 - NPTEL: Python for Data Science (Elite + Silver, 75%)
 - Cisco: Programming Essentials in Python