Lakshay Rahal

Full-Stack Developer & AI Enthusiast   —   Portfolio: lakshayrahal.vercel.app

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Professional Summary

Passionate Computer Science student with proven skills in full-stack development and AI. Proven ability to create efficient, user-centric applications using modern technologies like React, Node, and TensorFlow. Dean's List honoree and active participant in hackathons and tech events.

Education

Bennett University, The Times Group   *Aug 2023 – May 2027*
Bachelor of Technology in Computer Science ; CGPA: **9.70**
Focus: Software Development & Artificial Intelligence

Technical Skills

- **Programming Languages:** Python, JavaScript (ES6+), C++, TypeScript, HTML5/CSS3, SQL
- **Frontend Technologies:** React.js, Next.js, Tailwind CSS, Responsive Design
- **Backend & APIs:** Node.js, Django, FastAPI, RESTful APIs
- **AI & Machine Learning:** TensorFlow.js, Gemini API, Computer Vision, NLP
- **Databases & Cloud:** MongoDB, MySQL, Firebase, Cloudinary, Neon, AWS EC2

Key Projects

- **QR Meal Share**   *ReactJS, MongoDB Cloud Atlas, ExpressJS, NodeJS*
  - Developed a platform to reduce food wastage in universities by enabling students to share left-over meal QR codes with hostel staff.
  - Integrated Microsoft OAuth and manual sign-up authentication for mess workers.
  - Promoted fair distribution by ensuring one meal per person.

- **AI Deep Fake Face Detection**   *CNN, TensorFlow, Keras, Flask*
  - Built a CNN-based model to detect deepfakes and address AI-related security concerns.
  - Developed a Flask web app with real-time face analysis frontend.
  - Emphasized AI misuse prevention through detection innovation.

- **College Connect**   *Java, Spring Boot, Maven, MySQL*
  - Created a student platform for college events, webinars, and notices.
  - Built an admin panel for authorized content updates.
  - Centralized and streamlined college communication.

Professional Experience

- **UI/UX Designer – Mobilon Club**   *Bennett University*
  - Designed intuitive chatbot flows and UI for the Maite assistant with a focus on clean, minimal interfaces.

- **Event Coordinator – Hackaccino**   *CSI, Bennett University*
  - Managed logistics and scheduling for a 100+ participant university-wide hackathon.

Honors and Awards

- Dean's List Award – SGPA above 9.5 *(2024, 2025)*
- Hackaccino Hackathon – Participant and Organizer *(2024)*

Certifications

- Neural Networks and Deep Learning – Coursera
- Machine Learning: Classification – Coursera
- Operating Systems and You – Coursera (Google)