

Harish Kumar Rai

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Technical Skills

Languages: Python, SQL, JavaScript, C
Frameworks/Libraries: Node.js, React.js, OpenCV, NumPy
Databases: MongoDB, Firebase
Tools & Platforms: Git, GitHub, Microsoft Azure
Cloud & DevOps: Netlify, Vercel
Other Technical Skills: MediaPipe, Faster-Whisper

Experience

Microsoft Elevate (Microsoft Azure) Jan 2026 – Feb 2026
Cloud Computing Intern Meerut, UP

- Completed a 4-week internship on Microsoft Azure under the Emerging Technologies program in collaboration with AICTE.
- Acquired knowledge of cloud computing fundamentals including Azure architecture, deployment models, and service management.
- Gained hands-on experience with Azure Virtual Machines, networking concepts, and identity & security management.
- Explored real-world cloud use cases and scalable infrastructure solutions.
- Developed understanding of secure cloud deployment practices and modern cloud workflows.

SellKaroOnline Sept 2025 – Nov 2025
Intern, Website Developer Noida, UP

- Developed a responsive landing page using React.js and Tailwind CSS, improving visibility and client conversions by 20%.
- Designed a responsive frontend for an e-commerce website.
- Created a Shopify website for a Medicine Brand.
- Developed a Brand Store Page for a FMCG brand.

Projects

Selvie | Python, Faster-Whisper, Piper TTS, CUDA, Windows API GitHub ↗ Aug 2026 – Aug 2026

- Built an offline voice-controlled Windows assistant using Python, Faster-Whisper and Piper TTS, supporting app/file launching, web search, notes, timers and system controls.
- Implemented CUDA-accelerated speech recognition with CPU fallback, wake-word detection and a privacy-focused architecture with no cloud API dependency.

BodyMeasureAI | Python, OpenCV, MediaPipe, NumPy July 2025 – Aug 2026

- Built a computer vision system using Python, OpenCV, and MediaPipe to estimate human height and body-part dimensions from images.
- Used an A4 sheet as a real-world scale reference to convert pixel measurements into physical dimensions.

FX Habit Tracker | React.js, JavaScript, HTML, CSS GitHub ↗ | Live Demo ↗ Dec 2025 – Jan 2026

- Built a habit tracking web application using Firebase Firestore for real-time data persistence, implementing daily check-ins, streak calculation, and weekly progress summaries.
- Implemented dynamic state management for tracking, updating, and visualizing habits efficiently.

Education

IIMT Engineering College (under AKTU) Sept 2024 – Aug 2028
Bachelor Of Technology (BTECH) – Computer Science Engineering

Sunbeam School Ghazipur April 2023 – April 2024
10+2 75%

Sunbeam School Ghazipur April 2022 – April 2023
10 90%

Leadership / Extracurricular

Vice President at Hackathon Club 2025-2026

- Hosted Hackathon - Code Roulette
- Organsied Hackathon competing workshops
- Organised Workshop on GIT and GitHub

Achievements

- Project Demonstration, 1st Position, IIMT Engineering College, Meerut
- CBSE Hubs of Learning, Core Organizing Committee, Sunbeam School, Ghazipur
- CBSE Workshop on Cyber Security, Facilitator, Sunbeam School, Ghazipur

Certifications

- AI & ML with Python, Venura, 2026
- Cloud Administration & Engineering, Microsoft Elevate, Emerging Technologies, 2026
- Artificial Intelligence & Machine Learning, Microsoft Elevate, Emerging Technologies, 2025
- Machine Learning & AI, IIMT Engineering College, Meerut, 2024

- Data Science using Python workshop, IIMT Engineering College, Meerut, 2024
- Cyber Security workshop, IIT Delhi, 2024
- Entrepreneurship workshop, Sunbeam School, Mau, 2024