

# HARI OM

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## EXPERIENCE

- ❖ **Floww APIs PVT. LTD.** – gofloww.co Hybrid  
**Back-End Developer Intern** June 2025 – January 2026
- Developed and maintained the backend for **Atom Buzz**, Floww's **social networking platform**, currently **live in production**, using **Django REST Framework**.
  - Implemented **Buzz Chat** supporting **one-to-one messaging**, **group chats**, and **media sharing** using **WebSockets** and **Django Channels** for real-time communication.
  - Optimized **Django Channels** by designing a **custom WebSocket authentication middleware**, ensuring **secure socket connections**, **channel-level authorization**, and a seamless user experience.
  - Developed the backend for **Atom Calendar**, implementing **automated email notifications** for event invites and **ICS calendar file generation** for seamless event scheduling.
  - Developed the **Nucleus customer support ticketing system**, currently **deployed in production**, improving **issue tracking**, **workflow automation**, and **client communication**.
  - Collaborated with frontend developers on **API integrations** and, when required, **debugged and implemented frontend fixes** to ensure **end-to-end system stability** and performance.
  - Currently developing the backend **signaling server** for **Buzz Call** and **Floww Notes**, focusing on **real-time systems**, **scalability**, and **high availability**.
- ❖ **Aero2Astro** – aero2astro.com Remote  
**Full Stack Developer Intern** March 2025 – May 2025
- Refactored and debugged **AeroSky's drone platform** during architectural separation to **Next.js/Node.js** microservices.
  - Fixed bugs in both frontend (**UI issues**, state management) and backend (**API errors**, **data flow**).
  - Working with **GeoServer** for spatial data visualization and drone flight path mapping.

## ACHIEVEMENTS

### Problem Statement Winner - HackFest'25, IIT Dhanbad

- Led the team and won the **GoFloww's Atom HR Problem Statement** at **HackFest'25**, organized by **IIT Dhanbad**, by delivering an innovative HR-tech solution under high-pressure, real-world conditions.

## PROJECTS

- ❖ **HR Feedback & Goal Management Platform** – FeedX | [Link](#) | Source-Code
- Built a MERN stack HR platform with **real-time 360° feedback** and **performance analytic**.
  - Implemented **360-degree feedback**, **goal tracking**, and **performance analytics** with a focus on real-time continuous feedback.
  - Won the **GoFloww's Atom HR P.S.** by delivering a secure, scalable, and user-friendly solution.
- ❖ **Student Achievement Management Platform** – Pratibha-Kosh | [Link](#) | Source-Code
- Developed for **SIH 2025**, enabling students to **manage and track their achievements and certificate approvals** seamlessly.
  - Built **role-based dashboards** with insightful analytics for students, faculty, and admins.
  - Integrated **AI-driven career guidance** using **Gemini API** and a **certificate issuer verification panel** for authenticity.
- ❖ **Show Listing & Ticket Booking Platform** – Mic on Mithila | [Link](#)
- Built and **deployed to production in 5 days** a show ticket booking platform for events in the Darbhanga region.
  - Developed an admin panel for show listing, scheduling, and management from scratch.
  - Integrated **Cashfree payment gateway**, handling **100+ users** tracked via **Google Analytics** with secure bookings.

## EDUCATION

### Darbhanga College of Engineering (Bihar Engineering University)

Bachelor of Technology in Computer Science (Cyber Security) | CGPA: 8.60

Bihar, India

2023 - 2027

## SKILLS

- ❖ **Programming Languages:** C, C+, Python, JavaScript, HTML5, CSS3
- ❖ **Frameworks & Libraries:** React.js, Node.js, Express.js, Django, Bootstrap, Tailwind CSS, Django REST Framework, Django-Channels
- ❖ **Databases:** MongoDB, SQL
- ❖ **Tools & Technologies:** Git, GitHub, Vite, RESTful APIs, Gemini API, Cashfree API, Netlify