

# HARI OM

## Backend / Full Stack Developer

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### Summary

Backend / Full Stack Developer with hands-on experience in building scalable web applications using Django, Node.js and React.js. Skilled in developing real-time systems, database-driven applications, and cloud-integrated services. Experienced in working on production systems and collaborating in fast-paced, startup environments.

### Skills

**Programming Languages:** Python, JavaScript, C++

**Frameworks & Backend:** Django, Django REST Framework, Node.js, Express.js, React.js

**Databases, APIs & DevOps:** MongoDB, SQL, RESTful APIs, WebSockets, AWS

### Experience

#### Back-End Developer Intern June 2025 – January 2026

*Floww APIs Pvt. Ltd. (GoFloww) – Hybrid*

- Developed and maintained **core backend modules** powering **Atom Buzz** using Django REST Framework, supporting **10K+ active users** in a live production environment.
- Engineered **real-time communication features** including 1:1 messaging, group chats (50+ users per group), and media sharing using **WebSockets and Django Channels**.
- Designed and enforced a **custom WebSocket authentication middleware**, securing **100% of socket connections** with channel-level authorization.
- Built and optimized backend components for **Atom Calendar**, enabling automated email notifications and ICS file generation for **100+ scheduled events per month**.
- Delivered the **Nucleus customer support ticketing system** to production, managing **1K+ support requests** and reducing manual handling effort by **40%**.
- Partnered with frontend engineers across **200+ API integrations**, resolving **application-layer issues** across **UI and APIs** to ensure reliable feature rollouts.
- Currently engineering a **low-latency signaling server** for **Buzz Call** and contributing to **Floww Notes**, with emphasis on scalability and high availability.

#### Full Stack Developer Intern March 2025 – May 2025

*Aero2Astro – Remote*

- Refactored AeroSky's platform across **3+ live projects** during migration to **Next.js and Node.js microservices**, improving code modularity and deployment stability.
- Resolved **30+ frontend and backend issues** across UI, state management, APIs, and data flow, reducing recurring production and testing failures.
- Enforced spatial data visualization using **GeoServer** to map **multiple drone flight paths per mission**, supporting operational analysis and mission planning workflows.

### Projects

#### HR Feedback & Goal Management Platform (FeedX) | [Live](#) | [GitHub](#)

- Built a **MERN stack HR platform** with real-time 360-degree feedback and performance analytics.
- Applied goal tracking, continuous feedback, and role-based dashboards for employees, managers, and HR.
- Winner - GoFloww's Atom HR Problem Statement**, HackFest'25.

#### MIITIE - College Startup Cell Website | [Live](#) | [GitHub](#)

- Designed and launched the official website for the **college startup and incubation cell**, managing events, incubatees, and mentor profiles.
- Leveraged **Firebase** for real-time management of events, incubatees, and mentor data.
- Incorporated **Amazon SES** to deliver **100+ bulk emails and newsletters** in a single delivery.
- Serves as the primary digital platform with **daily active visitors**.

## **Student Achievement Management Platform (Pratibha-Kosh) | [Live](#) | [GitHub](#)**

- Created for **SIH 2025**, enabling students to manage achievements and certificate approvals.
- Added role-based dashboards and AI-driven career guidance.

## **Show Listing & Ticket Booking Platform (Mic on Mithila) | [Live](#)**

- Launched a production-ready ticket booking platform in **5 days**.
- Integrated an admin panel and **Cashfree payment gateway**, handling **100+ users**.

## **Awards & Achievements**

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### **Problem Statement Winner – HackFest'25, IIT Dhanbad**

- Led the team to win GoFloww's Atom HR problem statement among **20+ competing teams** by delivering a scalable, production-ready HR-tech solution under real-world constraints.

## **EDUCATION**

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**Darbhanga College of Engineering, Bihar Engineering University**

Bihar, India

Bachelor of Technology in Computer Science (Cyber Security)

**CGPA: 8.60**

2023 – 2027