

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

- Enhanced and maintained backend services for **Atom Buzz** using Django REST Framework, supporting **10K+ users** in a live production environment.
- Engineered real-time chat features including 1:1 messaging, group chats (50+ users), and media sharing using **WebSockets and Django Channels**.
- Designed a custom WebSocket authentication middleware, securing **100% of real-time socket connections** with channel-level authorization.
- Built backend services for **Atom Calendar**, enabling automated email notifications and ICS file generation for **100+ events per month**.
- Implemented the **Nucleus customer support ticketing system** (production), managing **1K+ tickets** and reducing manual support effort by **40%**.
- Collaborated with frontend teams across **200+ API integrations**, resolving frontend and backend issues to ensure stable feature rollouts.
- Currently engineering a backend signaling server for **Buzz Call** and contributing to **Floww Notes**, focusing on scalability and low-latency systems.

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

- **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

Darbhangha College of Engineering, Bihar Engineering University	Bihar, India
Bachelor of Technology in Computer Science (Cyber Security)	
CGPA: 8.60	2023 – 2027