

HARI OM

Backend & Full-Stack Developer

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Summary

Full-Stack Developer experienced in Django, Node.js, and React.js, building scalable web applications and REST APIs. Skilled in real-time systems, database design, and cloud deployment on AWS with CI/CD pipelines. Proven track record delivering production-ready solutions in startup environments.

Skills

Programming Languages: Python, JavaScript, C++

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

Databases & APIs: MongoDB, SQL, RESTful APIs, WebSockets

DevOps & Tools: AWS (EC2, SES), CI/CD, Git, GitHub, Deployment, SSL

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 **1.5K+ 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%**.
- Collaborated with frontend engineers across **200+ API integrations**, resolving **application-layer issues across UI and APIs** to ensure reliable feature rollouts.
- Engineered a **low-latency signaling server for Buzz Call** and led full-stack development of **Atom Notes and Accounts apps**, emphasizing 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 **50+ daily active visitors** as the primary digital platform.

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

- Built for **SIH 2025**, enabling students to manage achievements, certificates, and approvals on a centralized platform.
- Implemented role-based dashboards and AI-driven career guidance using React, Node.js/Express, and REST APIs.
- Deployed frontend and backend on **AWS EC2**, configuring custom subdomain, SSL, and production hosting.
- Established **CI/CD pipelines** and incorporated Amazon SES for automated releases and bulk email delivery, supporting **100+ users**.

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

Darbhanga College of Engineering, Bihar Engineering University

Bihar, India

Bachelor of Technology in Computer Science (Cyber Security)

CGPA: 8.60

2023 – 2027