



कपिध्वज AI[®]
तुम रक्षक काहू को डरना

Address: 305-Research Park, Indian Institute of Technology Gandhinagar, Gandhinagar, GJ 382055

Role: Fullstack Development

Company Overview:

Kapildhwaj AI specializes in providing end-to-end Safety, Security, and Surveillance solutions for Residential, Enterprise, Civic, and various other customers. By leveraging state-of-the-art technologies including Artificial Intelligence (AI), Data Engineering, Internet of Things (IoT), Cloud Computing, and Cloud Storage, we aim to revolutionize safety and security measures in urban environments.

Role Objective:

As a Full Stack Development Intern, you will work on both the web and mobile application layers as well as the backend services that power our end-to-end AI-based surveillance system. You will be responsible for building interactive user interfaces that display live and stored video streams with AI insights, while also designing and maintaining secure, scalable APIs and backend logic to support real-time monitoring and control features.

Key Responsibilities:

- Develop and enhance front-end features for mobile and web applications using **React Native** and modern JavaScript frameworks (e.g., **React**).
- Design, implement, and maintain **RESTful APIs** and backend services using **Node.js**, **Express**, and related technologies.
- Integrate **live video streams (RTSP, WebRTC)**, stored video content, and AI-generated analytics into responsive, user-friendly interfaces.
- Implement and manage **user authentication, roles, configurations, and service controls** (e.g., toggling features on/off) across the full stack.
- Optimize applications and backend systems for **performance, security, and scalability**, ensuring reliable real-time communication between edge devices, cloud, and clients.

Qualifications and Skills:

- Currently pursuing or recently completed a degree in **Computer Science, Software Engineering, or a related field**.
- Strong proficiency in **React Native, React, JavaScript, HTML, CSS** for front-end development.
- Solid understanding of backend development with **Node.js, Express** and familiarity with **RESTful API design**.

Email: careers@kapildhwaj.ai



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- Experience with **databases** such as **MySQL, PostgreSQL, MongoDB, or Firestore**, and basic knowledge of schema design and query optimization.
- Familiarity with **RTSP/WebRTC**, video or real-time data integration, **Git**, and cloud platforms (e.g., **Google Cloud, Firebase, AWS/Azure**) is an added advantage.

Compensation (Internship):

- Internship (Jan-May, 2026): ₹20,000 (monthly, incl. performance bonus)
- Full-time (June 2026 onwards): ₹4.2 lakhs (yearly, incl. performance bonus)

Role Duration:

5 months internship, with the possibility of extension or PPO based on performance and company requirements.

Expectations:

- Work Commitment of at least 9 hours daily. (Monday-Saturday)
- Demonstrate creativity and initiative in developing user-friendly interfaces.
- Ability to work in a fast-paced startup environment with changing requirements.
- Eagerness to learn new technologies and frameworks.
- Effective communication skills and willingness to collaborate with cross-functional teams.
- Deliver high-quality code and meet deadlines consistently.

Location:

IIT Gandhinagar (On-site)