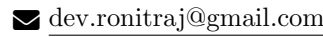
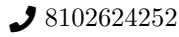


# RONIT RAJ



## EDUCATION

Indian Institute of Information Technology and Management, Gwalior

Aug 2023 – May 2027

Bachelor of Technology in Information Technology — CGPA: 8.75

Gwalior, Madhya Pradesh

## EXPERIENCE

Garudex Labs

Nov 2024 – Present

Co-Founder

Gwalior, MP

- **ZentoroAI**: Architecting an AI-powered SaaS platform to enhance **productivity, financial planning** for early-stage **startups and founders**.
- Engineered scalable systems with full-stack + AI tooling; developed **TORO AI agent** to unify community, productivity via intelligent automation.
- garudexlabs.com — Company website.

Ionia

Jan 2025 – March 2025

Full-Stack Developer

Remote

- Developed a **scalable full-stack platform** for competitive exam prep (e.g., **CUET**) with user auth, test series, question bank, analytics dashboard currently used by **50+ students**.
- Implemented an **admin panel** with role-based access, reducing test management time by **30%**.
- Boosted analytics performance by **2×** using **MongoDB Aggregation**, and streamlined image storage via Cloudinary.
- ionia.sbs — Live platform link.

## PATENT

Indian Application No: 202521020743

March 07, 25

SSR Ref. 402645 (Author)

A MULTI-MODAL SURVEILLANCE SYSTEM

## PROJECTS

Tactical and Strategical Military System | *Next.js, Tailwind CSS, FastAPI, PyTorch, Redis* Sept 2024 - Dec 2024

- Designed a **scalable Multi-Modal LLM system (79% VQA accuracy)** with **RAG** for contextual media reasoning (images, videos, PDFs), optimized for low-memory (8GB RAM) deployment.
- Created a secure, full-stack AI chatbot for military use with auth, media support, and a responsive Next.js UI, optimizing **latency by 40%** via **Redis caching** and FastAPI.

GeneTrust – AI-Powered Gene Predictor | *Next.js, TypeScript, Express.js, FastAPI, GCP*

Apr 2025

- Built **GeneTrust**, an AI-powered CRISPR platform using Next.js, FastAPI, Express.js, **DNABERT**, and **IoT**, enhancing gene editing precision and reliability.
- Integrated **blockchain (Base)** for secure on-chain data provenance, improving data integrity.
- Set up CI/CD pipelines on **GCP and Vercel**, cutting deployment time to **3 minutes** and latency by **20%**.

## TECHNOLOGIES

**Programming Languages:** JavaScript, TypeScript, Python, SQL, C, C++, HTML5, CSS3

**Web Technologies:** React.js, Next.js, Node.js, Express.js, FastAPI, Tailwind CSS

**Databases:** PostgreSQL, MongoDB, MySQL, Faiss vector DB, Pinecone

**Artificial Intelligence:** Machine Learning, NLP, Deep Learning, Computer Vision, LangChain, Retrieval-Augmented Generation (RAG), PyTorch, TensorFlow, LLMs, GANs, GNNs, Fine Tuning

**Tools & Platforms:** Git, GitHub, Docker, Redis, GCP, AWS, Azure, GitHub Actions, CI/CD, Linux, Postman

## ACHIEVEMENTS

- 1st Prize Winner, **HACKHAZARDS '25** — Selected from **15,000+** participants across **15+ countries** in the world's largest community-run hackathon. [Project Link](#)
- Special Winner, **Smart India Hackathon 2024**. [Certificate Link](#)
- Winner, **IDE 2025** (Garudex Labs) — Certificate. [Certificate Link](#)
- Multiple top team finishes in **3x Hackathons** including ISRO, MEESHO, and 5G Hackathons (2023, 2024).

## EXTRACURRICULAR

- Founded **The Enigma Society**; organized **5+ technical workshops/events** and mentored **200+ students** in hands-on sessions and tech talks.
- **Event Lead** at Robotics events during **Infotsav**, IIITM Gwalior's tech fest; led **20+ volunteers** and managed participation from 30+ students.