

HARIANK JUNEJA

ASPIRING AI ENGINEER & FULL-STACK DEVELOPER

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PROFILE

Aspiring AI engineer and full-stack developer (B.Tech CSE – Gen AI, 2nd year) with hands-on experience building production-grade AI-powered tools and web platforms during a 45-day internship at MeraPath. Comfortable across Python, Next.js, Supabase, and applied AI (RAG, LLM integration), with a strong foundation in Data Structures and Algorithms and a track record of taking projects from an initial idea through to a live, in-use product.

SKILLS

Programming	Python, C, JavaScript / TypeScript, SQL, Data Structures & Algorithms
Web & Backend	Next.js / React, FastAPI, REST API Design, Supabase / PostgreSQL
AI & Gen AI	LLMs & Prompting, RAG (Retrieval-Augmented Generation), Embeddings & Vector Retrieval, LLM API Integration (Groq), Model Behavior & Tokens
Tools & Tech	Git & GitHub, Jira, Vercel Deployment, Claude Code, Cursor, Codex, Bolt, Email Automation (SMTP)

EXPERIENCE

AI & Full-Stack Development Intern — MeraPath Education Ltd. 15 Jun – 30 Jul 2026
Tender Command Centre & Cyber Sarthi Program · 45 Days

AI Tender Command Centre — MVP

- Designed the database, integrated the Groq LLM API, and built a REST API (8 endpoints) plus a live dashboard for AI-powered tender screening and analysis.
- Researched and applied RAG (Retrieval-Augmented Generation) — embeddings, vector retrieval, and LLM grounding — enabling the MVP to analyze a single tender document of up to ~300 pages.
- Authored the BRD, wireframes, and risk-assessment framework guiding the MVP build.

Cyber Sarthi — Cybersecurity Awareness Platform (Production · 5,000+ users)

- Co-built and shipped Cyber Sarthi as one of a 2-person software development team working alongside a 15+ member brainstorming and ground-execution team; the platform is now live in production at cybersarthi.in with 5,000+ registered users and growing.
- Built the core participant journey — registration, learning modules, quizzes, and certificate generation with QR verification — using Next.js, TypeScript, Tailwind CSS, and Supabase (Postgres, Auth, Storage).
- Built a role-based admin panel with scoped sub-admin permissions, a CMS for lesson content (genres, topics, storyboards, quizzes), and bulk email/WhatsApp messaging.
- Implemented Gmail SMTP email automation and 2Factor.in phone-OTP integration with rate limiting and resend cooldowns.
- Co-designed the Cybersecurity Awareness workshop deck and handbook with the leadership team, including topic-wise case studies, and actively contributed in planning and review meetings.

PROJECTS

Heart Attack Detection Band — Wearable Hardware + Software

Solo Project

Self-initiated during college orientation, out of personal curiosity

- Built a solo wearable prototype on an ESP32 (Bluetooth, USB-C), combining a MAX30102 heart-rate/SpO2 sensor and an AD8232 single-lead ECG sensor to capture real-time cardiac signals.
- Fused multiple physiological signals (heart rate, blood oxygen, ECG waveform) into a rule-based detection layer aimed at surfacing early-warning indicators 15–30 minutes ahead of a potential cardiac event.
- Delivered real-time alerts through an onboard buzzer and a companion mobile app connected over Bluetooth, enabling timely action.

EDUCATION

B.Tech – CSE (Gen AI), Manav Rachna University — 2nd Year, Expected 2029

Senior Secondary, DAV Public School

TRAINING

Python Programming, Computer Fundamentals 101, C Programming Course, and DSA in Python — Infosys Springboard · Generative AI and Google Cloud Computing Foundations — Google Skills

LEADERSHIP

Vice Chairperson, IEEE Computer Society (previously General Secretary) · IIC Student Ambassador, Innovation & Incubation Center · Organiser, DSA Quest (with HackerRank) · Organiser, IEEE Got Talent · Directed and produced a short film project from concept to final cut.

ALSO

Languages: English (Fluent), Hindi (Fluent) · Interests: Guitar & Singing, Film-making & Production, Open Source & AI