

VAISHAK V NAIR

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PROFILE SUMMARY

Computer Science graduate building AI-powered products, developer tooling, and full-stack applications from idea to shipped release using AI-native workflows. Shipped end-to-end across developer tools, scientific computing, voice AI, and data-transparency systems with a focus on rapid execution and software that proves its claims. Currently expanding into Agentic AI, RAG systems, AI Agents, and LLM-powered applications. Interested in Founding Engineer, AI Product Engineer, and AI Engineer roles.

EXPERIENCE

LLM Post-Training Intern | Ethara AI (Green Rider Technology LLP)

(Feb – May 2026)

Contributed to LLM post-training by generating high-quality human-aligned training signals through strict instruction-following evaluation, correctness checks, and quality assessment across text, image, and video modalities. Worked on ranking, comparison, prompt writing, and defensible decision-making to improve model behavior. Successfully completed a competitive internship focused on LLM post-training, evaluation, and human-aligned AI systems.

AI/ML Intern | ICT Academy of Kerala

(June – July 2025)

Developed an end-to-end personality prediction system using NLP pipelines and multiple ML models, including experiments with BERT and DistilBERT embeddings. Evaluated models using standard classification metrics to analyze real-world performance trade-offs. Gained hands-on experience in data preprocessing, feature extraction, transformer-based embeddings, model evaluation, and machine learning experimentation.

ACADEMIC QUALIFICATION

• Gen AI & Agentic AI Program – (pursuing) | July, 2026

Focus Areas: *Agentic AI, RAG Systems, AI Agents, MCP, LLM Applications, AI Product Development, Production-grade AI Projects.*

• Bachelor of Technology – Computer Science and Engineering,

Ahalia School of Engineering & Technology, Palakkad | June, 2026

• Senior Secondary (Class 12) - CBSE, Palakkad

Percentage 75% | March, 2022

• Secondary Education (Class 10) - CBSE, Palakkad

Percentage 81% | March, 2020

PROJECTS

PRAXIS – ([Link](#))

(July 2026)

- **Type** : AI Developer Memory Platform
- **Objective** : Developed a persistent context engine for AI-assisted software development that transforms every coding session into reusable project memory by organizing engineering decisions, repository knowledge, and development history into structured local memory for future AI interactions.
- **Technology Used** : Claude Code, TypeScript, React, Node.js, Tauri, Vercel, Markdown, File System APIs, Git Integration, Local-First Architecture, CLI Development.

Ingot – ([Link](#))

(July 2026)

- **Type** : AI Training-Data Transparency Tool
- **Objective** : Developed a local-first inspector that shows which exact words yours or a benchmark's appear inside an AI model's training data, as side-by-side evidence rather than a score.
- **Technology Used** : TypeScript, Node.js, npm CLI Tooling, Statistical/N-gram Matching, Zero-Dependency Architecture, Browser-Based Scanning, Apache-2.0 Open Source.

AgentSwarm (Currently Building)

(Aug 2026)

- **Type** : Agentic Coding Terminal — Desktop Application
- **Objective** : Building a desktop terminal for agentic coding that runs several Claude Code sessions side by side and reads their transcripts to show what each session is doing, deciding, and touching.
- **Technology Used** : Tauri (Rust), TypeScript, xterm.js, Vite, Claude Code transcript parsing, Windows Desktop, Local-First Architecture.

Nimbus (Currently Building)

(Aug 2026)

- **Type** : AI Voice Assistant (Personal Project)
- **Objective** : Built a wake-word voice assistant that runs entirely on the user's machine at \$0 - 26 tools across 5 packs, multi-step tool chaining, persistent memory, and task-aware routing across free model tiers, with measured safety (20/20 destructive actions blocked).
- **Technology Used** : Python faster-whisper (STT), Piper (TTS), MCP Tool Layer, sounddevice, NumPy, OpenAI-compatible routing, local speech models, Windows PowerShell Automation.

Backspace (Currently Building + public) – ([Link](#))

(June 2026- present)

- **Type** : AI Developer Tooling Project
- **Objective** : Building a local-first safety and recovery layer for AI-assisted coding workflows that observes AI-generated code changes, tracks developer intent, and enables instant rollback of unwanted modifications.
- **Technology Used** : TypeScript, Node.js, SQLite, Next.js, Supabase, Vercel, CLI Tooling, AntigraVity, claude code, AI-assisted Development Tools.

CORE COMPETENCIES

- **Programming Languages** : Python, TypeScript, JavaScript, HTML/CSS
- **AI & Agentic Systems** : Agentic AI workflows, RAG systems, MCP, prompt engineering, model evaluation, Transformer-based models
- **Cloud / AI Dev Tools** : Claude Code, AntigraVity, Windsurf, Cursor, Lovable, Firebase, Vercel, GitHub Actions (CI), Google Colab, Git
- **Generative AI** : CLI tooling, desktop applications (Tauri), voice pipelines (STT/TTS), rapid prototyping, AI-native development workflows

LICENSE AND CERTIFICATION

- [Claude 101.](#)
- [AI Fluency: Framework & Foundations.](#)
- [Building with the Claude API.](#)
- [Internship Completion Certificate\(Ethara AI\).](#)
- [Introduction to Model Context Protocol.](#)
- [FrameGenX – Reinventing Image Generation \(ijraset Publication\).](#)
- [Google Cloud Computing Foundations – NPTEL.](#)