

Harry Noble

Web Developer & Designer | Computer Science Student

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SUMMARY

Computer Science student and self-driven web developer who ships polished, interactive products end to end — from AI-powered browser extensions and full-stack apps to real-time computer-vision and creative-coding tools. Strong across JavaScript/TypeScript, React, and Node.js, with Python for computer-vision work.

SKILLS

Languages: JavaScript, TypeScript, Python, SQL, HTML, CSS

Frontend: React, Vite, Tailwind CSS, Recharts, Three.js, GSAP, HTML5 Canvas

Backend & Data: Node.js, Express, REST APIs, PostgreSQL, SQLite / SQL.js, IndexedDB, JWT

AI, CV & Tools: Claude (LLM) API, OpenCV, MediaPipe, Git & GitHub, Chrome Extensions (MV3), Railway, Stripe

Design & Strengths: UI/UX design, Video editing, Photography · Communication, Team leadership

EXPERIENCE

Software Intern — NeST Digital · Apr 2024 · Kochi, India (On-site)

- Completed an on-site software internship with professional engineering teams, gaining hands-on exposure to real-world development workflows; awarded a certificate of completion.

PROJECTS

PolicyLens — AI Terms & Conditions / privacy-policy analyzer · github.com/harrynoble/PolicyLens

- Built an AI-powered Chrome extension and web platform that turns dense legal documents into plain-English summaries with risk indicators; engineered a long-document analysis workflow on the Claude API with user authentication and Stripe subscription billing.

Tech: Node.js, Express, TypeScript, PostgreSQL, Claude API, Chrome Extension (MV3), Railway, Stripe, JWT

foible — Full-stack habit tracker with analytics · github.com/harrynoble/foible

- Developed a habit tracker with heatmaps, mood logging, streaks, and an analytics engine (completion rates, 7-day moving averages), pairing a React + Recharts frontend with a REST API and local database.

Tech: React 18, Tailwind CSS, Recharts, Vite, Node.js, Express, SQLite (SQL.js)

Gesture Cursor — Hand-gesture mouse control (computer vision) · github.com/harrynoble/Gesture-Cursor

- Built a computer-vision desktop app that maps real-time hand gestures (move, click, drag, scroll) to mouse actions via 21-point hand tracking, using a modular finite-state recognizer with motion smoothing.

Tech: Python, OpenCV, MediaPipe, PyAutoGUI

ASCII Vision — Real-time webcam-to-ASCII art renderer · github.com/harrynoble/ASCII-Vision

- Created a dependency-free, single-file browser app that converts a live webcam feed into animated ASCII art at up to 60 FPS across five rendering modes, with a custom luminance-to-character pipeline on HTML5 Canvas.

Tech: Vanilla JavaScript, HTML5 Canvas, Browser Camera APIs

margin. — Privacy-first PDF annotation & study app · github.com/harrynoble/margin.

- Built a browser-only PDF reader and annotator with highlights, freehand notes, color-coded tags, full-text search, and full session recovery; annotations are coordinate-normalized and stored locally for an offline-first, no-backend experience.

Tech: Vanilla JavaScript, IndexedDB, localStorage

EDUCATION

Bachelor of Technology (B.Tech), Computer Science · Aug 2025 – 2029 (Expected)

Muthoot Institute of Technology and Science, Kochi

The Choice School, Kochi · 2011 – 2025

Secondary & Higher Secondary education

ACTIVITIES & INTERESTS

- Produced and featured in a student tech podcast episode explaining Kerala's Kairali AI chip (published on YouTube); also active in video editing and digital photography.