

Pawan Choudhary

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Summary

Software Engineering student (AI/ML specialization) building production-ready AI and full-stack applications. Shipped a locally-hosted LLM portfolio generator (779-test suite), an explainable Java/Spring Boot weather engine, and a Flutter app live on Google Play.

Technical Skills

Languages: Python, TypeScript, JavaScript, Java, Dart
Frontend: React, Next.js, Tailwind CSS, Framer Motion
Backend / AI: FastAPI, Spring Boot, Streamlit, Ollama, Google Gemini API
Mobile: Flutter **Tools:** Git, GitHub, Docker, Maven, Vite, JUnit 5, Vercel, Netlify, Render

Education

KCC Institute of Technology & Management Greater Noida, India
B.Tech in Computer Science, AI/ML Specialization – 3rd Semester *Expected Graduation: 2029*

Experience

DecodeLabs Remote
Software Engineering Intern *Jul 2026 – Aug 2026*

- Built two dependency-free Python CLI tools (task manager, expense tracker) with exhaustive input validation.
- Implemented the accumulator pattern for session-persistent totals, preventing crashes on any invalid input.

Coincent Remote
AI/ML Developer – AI Domain Training Program *Dec 2025 – Dec 2027*

- Built a full-stack AI chatbot (Python, Streamlit, Google Gemini API) with end-to-end LLM integration.
- Implemented secure API key management (python-dotenv), excluding credentials from source control.

Freelance Software Developer Remote
Independent Contractor – Local Businesses & Dental Clinics *Ongoing*

- Delivered responsive, performance-optimized business websites (UI/UX) for local businesses and dental clinics.

Selected Projects

AI Portfolio Generator | *FastAPI, React, TypeScript, Ollama (Qwen3), Docker* 2026

- Built a portfolio generator analyzing resumes via a locally-hosted Qwen3 model (Ollama) – no third-party API calls.
- Architected an isolated engine (one integration boundary, 779-test suite) powering 5 validated portfolio themes.

Weather Intelligence Dashboard | *Java 17, Spring Boot 3, Thymeleaf, Maven* 2026

- Built a decision engine producing 5 explainable weather recommendations with a reasoning trace per verdict.

Armonia | *Flutter, Dart – Published on Google Play Store* 2026

- Shipped a cross-platform music app (Android, iOS, web, desktop) from one Flutter codebase, live on Google Play.
- Designed a clean-architecture layering strategy separating playback, UI, and data concerns.

KeyFlow | *Next.js, TypeScript, Tailwind CSS, Framer Motion* 2026

- Built a typing-practice app featuring "Ghost Mode" – an exact-timing replay of a user's own past attempts.

Certifications

- Anthropic Academy** – 10-course track: Claude platform, Claude Code, MCP, AI Fluency (*Jun 2026*)
- AWS** – Technical Essentials; Fundamentals of Machine Learning and AI (*Jul 2026*)
- Oracle** – OCI 2025 AI Foundations Associate (*Sep 2025*) | **HP LIFE** – Data Science & Analytics (*Jul 2026*)

GitHub

- github.com/PawanChoudhary0607 – 18+ public repositories, 24+ stars, including all projects listed above.