

AMEY PAWAR

Software Engineer · Developer Tooling & AI Agents

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· Mumbai, India

SUMMARY

Independent engineer shipping production developer tools at the intersection of AI agents and Git workflows. Final-year BTech (Electronics & Computer Science), graduating May 2027 — open to internships and new-grad roles. Built [gfix](https://gfix.space) (Rust + MCP merge resolver) and [Tubio](https://tubio.pro) (Chrome MV3 SaaS, 4.8 ★), both live with real users.

TECHNICAL SKILLS

Languages: Rust, TypeScript, JavaScript, Python, Ruby

AI / Agents: Model Context Protocol (MCP), Claude API, OpenAI, Gemini, Ollama, prompt engineering

Frontend: React, Next.js (App Router), Tailwind CSS, Plasm (MV3), HTML5 Canvas

Browser / Extensions: Chrome MV3, VS Code Extension API (Marketplace + Open VSX), service workers, IndexedDB, Innertube API

Backend & Infra: Node.js, Ruby on Rails 8, Sidekiq, REST APIs, Supabase, Vercel, Docker, Polar

Git / Systems: Git internals, rerere, AST-based merging (Mergiraf), worktrees, multi-agent workflows

EXPERIENCE

Founder & Engineer · [gfix & gitfix](https://gfix.space)

Mar 2026 – Present · Mumbai

- ▶ Architected [gfix](https://gfix.space) (Rust CLI + MCP server) and shipped [gitfix](https://gitfix.com) VS Code extension (Marketplace + Open VSX) — let AI coding agents resolve git merge conflicts natively with a conflict tree, one-click fixes, and per-resolution audit trail.
- ▶ Engineered deterministic AST-level merging (Mergiraf), cross-machine rerere-style replay, and a BYO-key AI provider layer abstracting OpenAI, Anthropic, Gemini, and Ollama on a private Rust engine.

Stack: Rust · MCP · Mergiraf · VS Code Extension API · Open VSX · Git internals

Founder & Engineer · [Tubio](https://tubio.pro)

Sep 2025 – Present · Mumbai

- ▶ Built and shipped [Tubio](https://tubio.pro) end-to-end — Chrome MV3 SaaS (4.8★ Chrome Web Store); bulk-downloads YouTube transcripts with metadata and multimodal context the official YouTube Data API doesn't expose.
- ▶ Engineered download of up to 800 videos/session with rate-limiting and IndexedDB persistence surviving MV3 service-worker restarts; bypassed 2024 PoToken enforcement via user's authenticated session.

Stack: Plasm · Chrome MV3 · React · TypeScript · IndexedDB · Innertube API · Supabase · Polar

Web Developer (Intern) · [Trineteini Quantum](https://trineteini.com)

Jan 2025 – Mar 2025 · Remote

- ▶ Delivered admin panel + social-media dashboard for dialclub.org with CRUD surfaces, cross-channel publishing, role-based instructor dashboard, event lifecycle management, quiz module, and public chatbot.

Stack: React · Node.js · REST APIs · Webhooks

PROJECTS

[scribed](https://github.com/ameypawar/scribed) · github.com/ameypawar/scribed

2024

- ▶ Self-hostable, provider-agnostic audio transcription microservice — pluggable backends (whisper.cpp, faster-whisper, Deepgram, OpenAI) swappable via env; signed webhooks with exponential-backoff retry on Rails 8 + Sidekiq.

Stack: Ruby · Rails 8 · Postgres · Sidekiq · Docker · REST

[Pluck](https://github.com/ameypawar/pluck) · github.com/ameypawar/pluck

2026

- ▶ MIT-licensed Chrome MV3 extension that auto-detects listed items on any page and exports to CSV; deterministic, zero-AI, no configuration required.

Stack: TypeScript · Plasm · Chrome MV3

OPEN SOURCE

7 PRs merged across 4 production open-source repositories:

- ▶ [windmill-labs/windmill](https://github.com/windmill-labs/windmill) — #9460 fix(python): escape reserved-keyword step ids in wrapper codegen (Rust); #9463 fix(frontend): respect forced column order for numeric column names (TypeScript); #9566 fix(folders): allow hyphens in folder names (Rust)
- ▶ [tokio-rs/tokio](https://github.com/tokio-rs/tokio) — #8196 net: accept ConnectionReset in shutdown_after_tcp_reset test (Rust)
- ▶ [gitoxidelabs/gitoxide](https://github.com/gitoxidelabs/gitoxide) — #2637 fix: write new remote sections to local config (Rust); #2622 Add tests for Repository::open_mailmap (Rust)
- ▶ [gitbutlerapp/gitbutler](https://github.com/gitbutlerapp/gitbutler) — #14245 Add a diff font size setting (TypeScript)

EDUCATION

University of Mumbai

2022 – 2027

BTech, Electronics and Computer Science · Expected May 2027