Bikash Joshi

AI Enthusiast · Desktop apps · Web · AI agent systems

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AI enthusiast and independent builder shipping desktop apps, AI agent plugins, and TypeScript websites; publishes open-source tools and contributes upstream to NousResearch's Hermes Agent, whose official plugin catalog includes Bot Forge.

SELECTED PROJECTS

ScreenPolish
Creator · open source (AGPL-3.0) — `github.com/BkashJEE/screenpolish`

Sep 2026 - present

- Built a local screen recorder used for personal demos and videos; 41 recordings in the library, with auto-zoom and MP4/GIF export.
- Shipped 3 formats (Windows installer, AppImage, pacman); Wayland capture uses PipeWire/portals, Hyprland IPC, and evdev clicks.
- Shared one renderer for preview and export; 732 tests pass. Built a JSON-output CLI for agent workflows.

`Electron · React 19 · TypeScript · WebCodecs · FFmpeg · Vitest`

Hermes Bot Forge
Creator · open source (MIT) — `github.com/BkashJEE/hermes-bot-forge`

Sep 2026 - present

- Published a Hermes Agent plugin (118 GitHub stars, 17 forks) that builds bots with identity, memory, tools, routines, and a gateway, rolling back on any failed step.
- Accepted into NousResearch's official Hermes plugin catalog (hermes-agent#114057) after a maintainer security review; now at v0.22.0 with 451 tests passing.

`Python · pytest · systemd`

Hermes X Mission Control
Creator · full-stack web app — `source private`

Sep 2026 - present

- Built 13 screens (Today, pipeline, calendar, analytics) used daily for the @BkashJosi X account, with an 8am audit and owner review.
- Implemented Supabase row-level security, SQLite fallback, and video-host allowlists; 592 automated tests.

`Next.js · TypeScript · Supabase · SQLite · zod · Vitest`

Personal Portfolio
Creator · website — `bkashjee.github.io`

Sep 2026 - present

- Published a 3-page portfolio with case studies, a GitHub-fed archive, and a resume/PDF sharing one content source; GitHub Actions builds and deploys each merge to main.

`React 19 · TypeScript · Vite · Tailwind CSS · Playwright · GitHub Actions`

PUBLISHED TOOLS

Hermes Agent Dock · Aug 2026 - present (44★ on GitHub) — Desktop dock for direct profile chat and Kanban assignment (Python)
Hermes Agent Archive (41★ on GitHub) — source-attributed archive of Hermes workflows, skills and community projects (JavaScript)
Hermes Skills Library (6★ on GitHub) — community Skills & Plugins library for Hermes Desktop, with CI (JavaScript)
Repo Shelf (18★ on GitHub) — git repositories as books on a 3D bookshelf (TypeScript)
Oct 2026 — eight more tools on GitHub, including Hermes Agent Inbox, Footprint, Key Doctor, Vitals and Night Shift.

OPEN SOURCE & EXPERIMENTS

29 pull requests to NousResearch/hermes-agent: 4 merged (Bot Forge's catalog entry, #114057, and its version bumps), 12 open, including AI-isolated credential entry (#97482). Started Hermes Mobile, an open community project (early preview).

WRITING

Writes about building with AI agents on X as @BkashJosi. 2.3M impressions in 185 days to Oct 2026, from my own X analytics export.

SKILLS

Languages	TypeScript, JavaScript, Python, Swift, SQL, QML/Qt, Bash
Web	React 19, Next.js, Tailwind CSS, Vite, Supabase
Desktop & systems	Electron, WebCodecs, FFmpeg, Wayland/Hyprland, PipeWire, evdev, systemd, Arch Linux
AI & agents	Hermes Agent plugins, multi-agent orchestration, Claude Code, agent-friendly CLI design
Practice	Vitest, pytest, Playwright, GitHub Actions, PR-based workflow