

JAYASH BHANDARY

AI Engineer

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PROFESSIONAL SUMMARY

AI Engineer with one year of production experience building LLM applications and autonomous agents end to end. Ships multi-provider RAG pipelines over vector databases and Model Context Protocol (MCP) servers that expose enterprise systems as reusable agent tooling, alongside systems work in Rust/WebAssembly and cross-platform desktop applications. Takes features from ambiguous requirement to deployed release.

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL, Rust

AI & Agents: RAG, MCP, LLM agents, multi-agent orchestration, prompt engineering, function calling, embeddings, vector search, LangChain, OpenAI/Anthropic/Gemini APIs, PyTorch, Hugging Face, Ollama

Backend, Web & Data: FastAPI, Node.js, REST, GraphQL, React.js, Next.js, PostgreSQL, MongoDB, ChromaDB, Redis

Cloud & DevOps: AWS, GCP (Vertex AI), Docker, Terraform, Git, GitHub Actions, CI/CD

PROFESSIONAL EXPERIENCE

AI Engineer | Syneca | Bengaluru, India | Aug 2025 - Present

- Shipped a multi-model RAG pipeline over a 500K-document enterprise archive with ChromaDB retrieval and source-traced citations, cutting agent response time 5x.
- Engineered a multi-provider abstraction letting the SIA agent switch between OpenAI, Claude, and Gemini at runtime without code changes.
- Designed and deployed an MCP server exposing Syneca as 26 tools, consumable by any external agent or LLM client.

Frontend Developer | ZoomBuy | Freelance | Jan 2025 - Jun 2025

- Built an SEO-optimized Shopify storefront, applying React.lazy code splitting to improve page load speed 30%.

Full-Stack Developer | 2WENT6EX | Freelance | Dec 2023 - Jul 2024

- Launched 2went6ex.com as sole developer from scope through deployment, integrating a GraphQL Storefront API that delivered 8x faster product search and detail loading.

PROJECTS

Dextr | Cross-Platform Database and API Client | SQLite, PostgreSQL, MongoDB, S3

- Unified four connection paradigms behind one interface, letting users browse, edit, and query SQL, NoSQL, object storage, and HTTP APIs side by side in a single workspace.

deskdazzle | Offline-First Productivity PWA | Rust, WebAssembly, React, Firebase

- Engineered a Rust-to-WebAssembly core powering markdown editing, data conversion, task management, and image tooling fully offline, with optional Firebase sync.

Notilus | Local-First File Manager with LLM Workflows | Flutter, Dart, Ollama

- Built a Finder-style manager with an embedded Ollama chat panel, preview viewer, and workflow editor for chaining prompts against local files, keeping inference on-device.

Lotus | Windows Automation Agent | Ollama, MCP, Telegram

- Developed a local agent executing app, file, and system commands from Telegram over an MCP tool layer, with authenticated real-time command handling.

EDUCATION

B.Sc. Computer Science | V.P.M's R. Z. Shah College, Mumbai, India | 2022 - 2025

CERTIFICATIONS

Neo4j Certified Professional | Google Cloud: Prompt Design in Vertex AI, Vertex AI Gemini API, Multimodal RAG, Gemini and Imagen Applications | MongoDB: Schema Design Patterns