

Rifaque Ahmed Akrami

Software Engineer | Full-Stack • AI Systems • Developer Tools

Bhatkal, Karnataka, India | Open to relocation and remote opportunities

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Summary

Product-minded software engineer building full-stack products, AI-assisted tools, and developer systems, with experience delivering client software, local-first AI applications, API integrations, and Linux-based deployments.

Experience

HubZero

Jan 2025 - Present

Co-founder & Software Engineer

Bhatkal, India

- Delivered HubZero's first paid client project, Bhatkal Time Luxe, across architecture and full-stack development; deployed its frontend on Vercel and backend on a self-hosted Ubuntu server.
- Built reusable Blueprint foundations and managed delivery infrastructure across Cloudflare, Vercel, DNS, and Linux environments; shipped hubzero.in.

RG SmartDiscovery LLP

Aug 2025 - May 2026

Software Engineer Intern

India (Remote)

- Contributed to frontend development and API integration across nxNearby's job portal and AI-assisted course and quiz workflows.
- Implemented quiz-generation UI with prompt controls, multiple question types, and editable generated output; also contributed to chatbot integration, podcast platform testing, UI implementation, and debugging.

Projects

Nexus | Voice-First Personal AI Operating Layer (Private Alpha)

2026 - Present

- Developing a Windows-focused voice-first AI layer with deterministic command governance, a controlled tool runtime, and approval-gated action execution.

Atlas | Local-First AI Workspace [GitHub]

Feb 2026 - Sep 2026

- Released a Rust/Tauri 2 Windows desktop workspace that makes code and documents queryable with local language models; v1.0.3 released in September 2026.
- Implemented BM25 and semantic retrieval with reciprocal-rank fusion (RRF), code relationships, and Secret Shield for an opt-in cloud-processing boundary.

Reflux | Cross-Platform Local Media Client [Source]

2026 - Present

- Building a pre-release Kotlin Multiplatform media client that separates works from file versions and sources, with playback through Media3 on Android and libmpv on desktop.

QueryCraft | Natural Language Database Querying [GitHub]

Aug 2025 - Jan 2026

- Primary technical contributor on a three-person final-year project generating SQL and NoSQL queries from natural language using local Qwen/Mistral models and schema-aware prompting.
- Implemented validation before execution, execution safeguards, a conversational UI, and self-hosted local inference through Ollama.

Technical Skills

Languages: TypeScript, JavaScript, Rust, Python, SQL

Frontend: React, Next.js, Tailwind CSS

Backend: Node.js, Express.js, REST APIs, GraphQL, Django REST

AI / Retrieval: RAG, Ollama, Qwen, Mistral, BM25, Embeddings, NL2SQL

Data / Infrastructure: MongoDB, PostgreSQL, Linux, Docker, NGINX, Cloudflare, Vercel

Tools: Git, GitHub, Tauri, Kotlin Multiplatform, Media3, libmpv

Education

Visvesvaraya Technological University (VTU), Belagavi

2022 - 2026

Bachelor of Engineering, Computer Science and Engineering

Karnataka, India

CGPA: 8.36/10

Certification: AWS Cloud Practitioner Essentials | Amazon Web Services | May 2025