

PROFILE

AI Backend Engineer with 5+ years of backend development experience, including 3–4 years focused on GenAI. Experienced in building production LLM applications, RAG systems, AI agents, asynchronous backend systems, MCP/OAuth integrations, and scalable data pipelines.

EDUCATION

National Chung Cheng University

Master of Science in Computer Science and Information Engineering

2022/09 - 2024/08

Bachelor of Science in Computer Science and Information Engineering

2013/09 - 2017/06

EXPERIENCE

Ares International Corporation

2018/03 - 2021/02

Senior System Designer

Developed and maintained core backend and batch systems.

Maintained QA and CI environments and automated software packaging, reducing packaging time by over 80%.

MaiAgent Co., Ltd.

2024/11 - 2026/07

Senior Backend Engineer

Developed and maintained core functionality for a production AI assistant platform, including agentic conversations and workflows; introduced asynchronous execution to reduce processing time by over 60% in key use cases.

Designed and refactored backend architecture, including decoupling assistants from knowledge bases and implementing multi-source retrieval using QueryFusionRetriever.

Built and maintained a Text-to-SQL pipeline for natural language database querying.

Integrated multiple third-party communication platforms and implemented MCP OAuth authentication.

Automated engineering workflows by integrating GitHub Issues, Sentry, and Slack bots for error monitoring, alerting, and operational maintenance, reducing the conversation service error rate from peaks of 5% to consistently below 0.5%.

PROJECTS

LlamaIndex | Open Source [run-llama/llama_index](#)

2026/07

Contributed bug fixes through issue investigation, review discussions, and implementation.

Stentor | Private

2026/08 - Present

Built an AI voice assistant integrated with Claude Code and Codex, featuring crash-recoverable multi-agent worker loops, automated review/fix workflows, Git worktree isolation, and a permission-controlled local dashboard.

Persona | Open Source [xikhar/persona](#)

2026/08 - Present

Contributed to a cross-platform Electron/TypeScript VRM desktop application; implemented VRoid Hub OAuth integration, session recovery, privileged IPC restrictions, and other feature and cross-platform improvements.

AVATAR | Open Source [ARPAHLS/avatar](#)

2026/08 - Present

Contributed to an edge-focused Electron/TypeScript VRM avatar application; implemented its initial MCP service integration.