

Gheyath Warrar

Senior Full-Stack Engineer · AI & Automation (Fintech)

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EU work authorisation — no visa sponsorship required · Open to hybrid, cross-border or relocation to Luxembourg · Available immediately

PROFESSIONAL SUMMARY

Software engineer with 8 years of continuous experience shipping production systems, including four years on enterprise Java, Spring Boot and Angular applications at Meta-Level Software AG. Builds LLM and agentic AI systems – RAG pipelines, multi-agent workflows and tool-calling integrations – for B2B clients across Europe and the Middle East. Founded and engineered an AI-powered tax and financial services platform, combining a B.Sc. in Finance and Banking with a decade in software. Based one commute from Luxembourg City, fluent in German and English.

CORE SKILLS

Languages: Python, Java, TypeScript, JavaScript, SQL

AI & LLM: OpenAI, Anthropic Claude, Google Gemini, LangChain, LlamaIndex, RAG pipelines, agentic workflows, multi-agent systems (CrewAI, AutoGen), prompt engineering, function and tool calling, Hugging Face

Backend: Spring Boot, FastAPI, REST APIs, WebSockets, microservices

Frontend: React, Next.js, Angular, React Native

Data: PostgreSQL, Supabase, Pinecone, Qdrant

Cloud & DevOps: AWS, GCP, Cloudflare Workers and Pages, Docker, Kubernetes, CI/CD, Git, Jira

Automation: n8n, Make.com, workflow integration, API orchestration

Domain: Financial services automation, fintech, tax technology, enterprise software, process optimisation

PROFESSIONAL EXPERIENCE

Independent Software & AI Engineer

Self-employed · Saarbrücken, Germany · Nov 2023 – Present · 2 yrs 10 mos

- Build production AI automation and full-stack systems for B2B clients across Europe and the Middle East, owning delivery from requirements through to deployed and maintained software.
- Engineer end-to-end LLM pipelines: RAG retrieval over client document sets, prompt engineering, and agentic multi-tool workflows using function and tool calling.
- Long-running engagement with Cultural Lights (Saarbrücken): advised leadership on removing administrative and operational bottlenecks with AI, scoped the implementations, and delivered the training programme that rolled them out.
- Ship complete products end to end – Syrian Exchange Pro (live on iOS and Android), Radius Trip (map-based travel planner) and grade_tracker (assessment automation).
- Deploy on Cloudflare Workers and Pages, AWS and GCP using Docker and CI/CD; integrate Pinecone and Qdrant vector stores with Supabase and PostgreSQL.
- Concurrently completing EQF Level 7 advanced training in AI Development at Münchner Coding Akademie.

Founding Engineer & CEO — TaxBox

AI-powered tax and financial services platform · Saarbrücken, Germany · Nov 2022 – Nov 2023 · 1 yr

- Designed and built an AI-driven tax and financial services platform for expatriates in Germany, owning architecture, backend, frontend and deployment.
- Led the development team and the full delivery process from concept through to production.
- Selected for the Hogan Lovells BaSE 2022 social enterprise showcase.

Full-Stack Software Developer

Meta-Level Software AG · Saarbrücken, Germany · Sep 2018 – Nov 2022 · 4 yrs 2 mos

- Built and maintained scalable enterprise applications on Java and Spring Boot with Angular frontends across a four-year tenure.
- Owned features end to end: system architecture, backend and frontend development, automated testing, CI/CD deployment and technical documentation.
- Delivered in Agile teams using Git, Jira and Docker containerisation.

PROJECTS

Grade Tracker — github.com/gwarrar/grade_tracker_new

Python 3.12, FastAPI, Next.js 16, React 19, TypeScript (strict), SQLite · MIT licensed

- Academic records and reporting platform with four-role authorisation and a full audit trail, built end to end.
- **865 backend tests and 213 frontend tests; 93% backend coverage** with an 85% floor enforced in CI.
- Quality gated in the pipeline: pytest, ruff, pyright, strict TypeScript and an OpenAPI drift gate. Public source.

Syrian Exchange Pro — syrianexchangepro.com

Python, React Native, REST API integrations

- Live production currency and financial market tracker, published and actively maintained on both the iOS and Android app stores.

Interactive AI Agent Portfolio — resume-1g3.pages.dev

Cloudflare Workers, streaming LLM APIs, vanilla JavaScript

- Portfolio site running a retrieval-backed personal agent and a live code-generation sandbox, with server-sent-event streaming and multi-model routing.

Radius Trip — radiustrip.com

React Native, LLM integration

- Live travel search and itinerary planner built around geospatial radius constraints; deployed on a custom domain.

EDUCATION

Artificial Intelligence Development (EQF Level 7)

Münchner Coding Akademie GmbH, Munich · 2025–2026 (in progress)

M.Sc. Project Management (EQF Level 7)

International Humanitarian University, Odesa, Ukraine · 2012–2014

Certificate, Object-Oriented Software Development

itAkademie Saarbrücken · 2018

B.Sc. Finance and Banking

Al-Baath University, Hama, Syria · 2005–2011

LANGUAGES

Arabic (Native) | German (C1) | English (C1) | Russian (B1)