

Michael Vexler

Senior Full-Stack & Applied AI Engineer — Agents, RAG & Evals in Production

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Co-Founder & CTO of an AI-native live-events platform — LLM agent, RAG and evaluation harness live in production. **10 years in software development, 9 of them full-stack in production — banking, payments, payroll, HR and cybersecurity — regulated, sensitive-data environments.** TypeScript full-stack (React, Angular, NestJS, Node.js), with Python for ML pipeline integration. Ships AI end to end: agentic workflows, prompt & context engineering, MCP tooling, evals & guardrails.

EXPERIENCE

Co-Founder & CTO · ShowMe | 2026 – Present

- Demand-driven live-events platform, live in production; own architecture end to end. React 19 · TypeScript · Supabase (Postgres + RLS) · **multi-tenant RBAC** · 120+ production migrations.
- **Production LLM agent** (web + WhatsApp Business API): provider-agnostic **LLM gateway** with failover, **RAG** over live catalog, **tool calling**, structured actions with human handoff.
- **Durable agent engine** — queued multi-step **ReAct** loops, real-time streaming, loop detection, budget caps.
- **LLM evals & guardrails**: **LLM-as-judge** scoring, golden regression gates in CI, jailbreak-resistant sanitization, calibration tracking.
- **Personalization**: embedding pipeline and per-user taste vectors on off-the-shelf embedding models.

Founder / Full-Stack Engineer · Independent Products | 2024 – Present

- **OsekOS** — WhatsApp-first multi-tenant SaaS on the WhatsApp Business API (Angular 21, NestJS, GraphQL, Prisma): auth, billing, real-time, production infrastructure; built with AI-assisted development (Claude, Gemini, MCP).
- **FootAnalytics** — AI video analytics: event-driven microservices, **ML inference pipeline**, **GPU acceleration** — integration and cost optimization.

Senior Full-Stack Engineer (Contract) | 2024 – 2025

- **Discount Bank** (2025) — enterprise Angular applications under strict banking security and compliance standards.
- **Spikerz** (2024) — built and stabilized core product flows at an early-stage cybersecurity startup.

Senior Front-End Engineer · E-Square | Sep 2022 – Jan 2024

- Subcontracted to HiBob (HR SaaS) and Guardicore (cyber security). Owned front-end architecture: Nx monorepo, Storybook, Akita; testing pipelines (Cypress); **AWS** + GitHub Actions CI/CD.

Earlier Roles | 2016 – 2022

- **Opal Payment** (Fintech) — high-reliability payment flows, Angular, Azure. · **Malam Payroll** — **Senior Frontend Developer**: architecture, standards, mentoring. · **Matrix** · **TradAir** — **Angular**, legacy migrations, **UI performance**. · **TechFinancials (2016)** — **HTML/CSS/JavaScript**, landing and marketing pages.

SKILLS

AI / LLM: LLM integration & orchestration · RAG · embeddings · vector search · agentic workflows · tool calling · MCP · prompt & context engineering · LLM evaluation & LLM-as-judge · guardrails & safety filtering · cost & latency optimization

Languages: TypeScript · JavaScript · Python (working — ML pipeline integration) | **Testing**: Cypress · Jasmine · Karma · TDD

Back-End & Cloud: NestJS · Node.js · GraphQL · REST · WebSockets · Prisma · PostgreSQL · Supabase · serverless & edge functions · AWS · Azure · Docker · GitHub Actions CI/CD · microservices · event-driven architecture

Front-End: React 19 · Angular (2–21) · RxJS · Signals · NgRx · Akita · shadcn/ui · Storybook · Nx monorepo

EDUCATION & LANGUAGES

SCE — Shamoon College of Engineering · B.Sc. Electrical & Electronic Eng. · 2009–2013 | **John Bryce** · Java EE Full-Stack · 2014–2015 | Hebrew (native) · English · Russian