



Anmar Hindi
Senior Architect

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Engineering leader with 10+ years of experience across AI/ML infrastructure, threat intelligence platforms, proprietary trading systems, and enterprise-scale applications. Currently leading a 17-person engineering team, owning platform architecture, enterprise integrations, AI infrastructure, and large-scale system rewrites.

Research

[OpenAI Parameter Golf](#)

March – May 2026

Built the Lock-In Byte Mixer: an eval-time technique mixing neural softmax with PPM-D byte conditionals through a high-confidence sigmoid gate, worth -0.034 BPB over sliding-window eval alone. Final val_bpb 1.0672, within 0.006 of leaderboard SOTA (1.0611). Published a public errata correcting my own headline after peer review found a denominator error.

Experience

Senior Architect @ Blackwired

Jun 2025 – Current, Remote

As the sole technical lead of a 17-person engineering team, I lead architecture, AI infrastructure, enterprise integrations, and large-scale platform initiatives across the company's threat intelligence platform.

- Built high-throughput LLM infrastructure, reducing inference costs by \$30k+/month.
- Built a CTI report writer that autonomously gathers intel and produces 50k pages/month of client PDF reports.
- Led multiple large-scale platform rewrites while maintaining uninterrupted product delivery.
- Built agentic systems for threat intel and 3D attack mapping, adopted by engineering, analysis, and sales.

Senior Full Stack Engineer @ Kern AI GmbH

Dec 2023 – Jun 2025, Bonn (Germany)

I led modernization efforts across the company's backend and AI infrastructure, focusing on scalable API systems, LLM-driven workflows, and document-processing pipelines.

- Rebuilt core backend infrastructure using FastAPI.
- Developed adaptive LLM routing and ETL systems for complex document-processing workflows.
- Provided technical leadership across architecture, implementation, and sprint execution.

Senior ML Engineer @ Siam Investment Mgmt

Oct 2022 – Dec 2023, London

I built ML-driven trading infrastructure for real-time prediction and execution in highly volatile financial markets.

- Developed forecasting models using classical ML and deep learning approaches.
- Built custom backtesting, risk-management, and low-latency execution infrastructure.

Founder @ Mimoto.art (formerly Playtoshi)

Feb 2021 – Oct 2022, London

I founded and built a crypto wallet platform across mobile, backend, and infrastructure, supporting secure transactions and digital asset functionality. Grew the product to 50,000+ monthly active users. Led architecture and operation of the platform across mobile, backend, infrastructure, and security.

Senior Software Engineer @ Capital Eurasia

Jan 2019 – Feb 2021, London

I built low-latency trading systems and execution infrastructure for Eurex markets, working across strategy development, order routing, and market data systems.

Software Engineer @ Zither

Aug 2017 – Jan 2019, London

I worked on a decentralised media platform, building blockchain-based reward mechanisms and product infrastructure for artist and consumer engagement. Built ERC20 token mechanisms and proof-of-engagement systems. Led collaboration across hybrid remote and local engineering teams.

Individual Contributor @ Ethereum

Jan 2017 – Jun 2017, Remote

I contributed to Solidity smart contract architecture, web3 integrations, and testing frameworks for blockchain-based financial systems.

Software Engineer @ Convert Technologies

Jun 2016 – Dec 2016, Derby (UK)

I contributed to a custom Android OS platform, working on media navigation features, Java development, and QA across third-party integrations.

Technical Skills

Languages: Python, TypeScript, JavaScript, C#, Dart

AI / ML: PyTorch, Transformers, vLLM, RAG systems, agentic workflows, XGBoost, LSTMs, MCP

Backend & Infrastructure: FastAPI, PostgreSQL, SQL, Kubernetes, AWS, Terraform, Docker, CI/CD

Systems: Distributed systems, ETL pipelines, low-latency trading infrastructure, FIX/SBE protocols

Leadership: Platform architecture, technical leadership, team scaling, enterprise delivery

Security: Threat intelligence, cybersecurity integrations, permission models, audit logging

Languages

English (Native), **Arabic** (Fluent, verbal), **German** (Novice)

Education

University of Hertfordshire, United Kingdom

2012 - 2015

First-Class Honours, BSc (Hons) Computer Science (4.0 GPA)