# HARRY WILKINSON

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Full-stack AI engineer with 10+ years shipping software for clients, now building Large Language Model (LLM) agents in production: multilingual voice agents for healthcare at Attuned Intelligence. Former founder ($600k raised) and research engineer training foundation models at InstaDeep. Looking for a Forward Deployed Engineer role.

## WORK EXPERIENCE

**Attuned Intelligence** (Jun 2025 - Present)
*Full-Stack Agentic Engineer*

- Architected and deployed a suite of multilingual voice agents for healthcare call centres, achieving 30% call deflection with 98% routing accuracy, and 10% full automation across production deployments using Epic MCP.
- Built an AI Assistant that lets non-technical users interrogate call data in natural language, generating tables, charts, and reports that drive C-suite decision-making and operational insight.
- Built a no-code workflow platform, collapsing voice agent configuration from an engineering task into a self-serve product, enabling client operations teams to ship and iterate on routing logic without developer involvement.
- **Technical Skills:** Rust, Python, TypeScript, Next.js, React, Bazel, Model Context Protocol (MCP), Retrieval-Augmented Generation (RAG), Context and Prompt Engineering.

**InstaDeep** (Jun 2023 - Jun 2025)
*Research Engineer in Biological AI*

- Designed and implemented a distributed training pipeline using JAX and Flax, optimising training to 60%+ MFU on multi-GPU setups and supporting TPU deployment.
- Spearheaded the development of a state-of-the-art foundation model, managing large-scale data partitioning and achieving superior results across industry-standard benchmarks.
- **Technical Skills:** Python, JAX, Flax, PyTorch, TensorFlow, Distributed Training, Docker, GCP, Git, Experiment Tracking.

**Meka Prime Gaming Studios** (Dec 2021 - Jun 2023)
*Founder and Technical Director*

- Led a team of over 35 offshore creatives and developers, in addition to managing B2B relations using an agile workflow enabling fast iteration through project-specific sprints.
- Raised $600,000 at a $20m valuation in the seed round and generated +$1.3m in sales across two launches.
- **Highlights:** Leadership, Teamwork, Time Management, Communication, Presentation, C-Level Interaction.

**Freelance** (Sep 2014 - Sep 2021)
*Full Stack Web Developer*

- Led the development and deployment of an event-driven social platform using Django, PostgreSQL and AWS.
- Built data pipelines that made client data processing 53% faster and cut storage costs by 18%.
- **Technical Skills:** HTML5/CSS3, JavaScript, SQL, Python, Django, AWS, Webflow, React, Next.js, Tailwind, Vercel.

## EDUCATION

**University of Nottingham** (2020 - 2021)
*Machine Learning in Science (MSc): with Distinction (Top of class)*

- Research project: 'Creating a Chess AI with Modern Reinforcement Learning (84%)'.

**University of Bristol** (2016 - 2019)
*Economics and Mathematics (BSc): Upper-second Class Honours*

## INTERESTS

**Health and Fitness:** National champion in Rugby and Lacrosse. Triathlete, competing in Ironman 70.3 events.

**Passions:** Creative pursuits such as art, theatre and film, content creation, music & festivals; and I am learning to play the guitar. Also, self-improvement through books, podcasts and courses. Books I have particularly enjoyed include: "Principles" by Ray Dalio, "Thinking in Bets" by Annie Duke and "Mistakes Were Made (but Not by Me)" by Carol Tavris.