

CLINT JOHNSON

clintjohnsn@gmail.com | clintjohnsn.com | [LinkedIn](#) | [Github](#) | Right to Work: Yes (Graduate Visa)

Technical leader with **6+** years of software engineering experience and specialized AI expertise from recent Master's degree. Previously led the backend team at Deloitte in launching Converge banking. Proven track record of designing and developing performant, cloud-native backend solutions that drive organizational transformation.

EDUCATION

University of Manchester

Master of Science, Artificial Intelligence; Distinction

Manchester, UK

Sep 2024

EXPERIENCE

ManageMinds

Founding AI Engineer

Manchester, UK

Jan 2025 – Present

- Led a **5-member** engineering team to build ManageMinds' generative AI product suite, including Whatsapp chat analytics, AI-generated podcasts, RAG Q&A chatbots, and LLM-powered, on-cloud document processing.
- Independently designed and built the entire backend using FastAPI, Langchain, LlamaIndex, Pinecone, PostgreSQL, and Firebase, with CICD pipelines (Github Actions, Docker) and MLOps infrastructure (Langfuse, RAGAS), all deployed on GCP.
- Improved RAG system performance from **50%** to **90%** in relevancy, faithfulness, and accuracy via iterative evaluation and fine-tuning using LlamaIndex + RAGAS.

Deloitte

Software Engineer 3, Technical Lead

Bangalore, India

Jul 2022 – Aug 2023

- Led a team of **4** backend engineers to deliver **4+** components and **7+** fintech integrations for Converge digital banking platform (including payments, KYC, onboarding, and servicing), while meeting banking regulatory compliance. Worked with product managers and scrum masters to develop technical roadmap, translate requirements, estimate and delegate tasks.
- Engineered a custom, configurable choreography and orchestration engine for business process-driven workflows using Spring, Camunda (BPM) & DMN (rule engine), seamlessly integrating business rules across multiple microservices and functions.
- Won **4** excellence awards, conducted **70+** technical interviews, and created company-wide training modules on Spring Cloud.

Software Engineer 2

Nov 2020 – Jul 2022

- Developed a custom distributed tracing & logging library (Java, Spring, OpenTelemetry) adopted across **110+** microservices running on Istio-managed Kubernetes clusters. Deployed OpenTelemetry collector for vendor-agnostic trace exports using Helm. Included features like log-trace correlation, in-app span instrumentation, and custom log masking.
- Delivered an AI-driven POC in **2** months to streamline scanned PDF document processing, working in a 5-member team. Implemented a serverless, event-driven architecture on AWS with Python, Lambda, Kafka, and Textract (OCR).

Dell Technologies

Software Engineer

Bangalore, India

Jan 2019 – Oct 2020

- Led a **2-member** backend team in implementing a mission-critical Java automation tool that reconciled B2B purchase orders in under **2** months, saving the sales team over **125+** weekly work hours and **\$3 million** in potential losses.
- Developed REST microservices for internal apps (with **3+** integrations) using Java/Spring Boot following TDD practices.

SKILLS

Languages: Java, Python

Databases: PostgreSQL, Vector DB, Redis, Kafka

DevOps: Docker, K8s, Github Actions, Terraform, Helm

Frameworks: Spring, FastAPI, Langchain, PyTorch

Cloud: AWS, GCP

Other: Agile/Scrum/Jira, OpenTelemetry, Langfuse

PROJECTS

Deep Reinforcement Learning for Trading | Python, PyTorch, Optuna, OpenAI Gym, SB3

Apr 2024 – Sep 2024

- Proposed a novel group-agent RL algorithm for algorithmic trading. Backtested on US stock market, benchmarking results against traditional ML and RL methods, achieving significant improvement in the performance compared to single agents.

VOLUNTEERING

Anumana Code Academy

Python Tutor

Manchester, UK

Nov 2023 – May 2024

- Led weekly Python programming classes to **10+** disadvantaged students aged 14–16 at Levenshulme High School.