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Brandl Nutrition GmbH

Application for AI & Process Optimization Internship

Available to start 01/08/2025, the intersection of AI automation and performance nutrition presents compelling opportunities for process transformation. Currently pursuing MSc Data Science at TU Braunschweig while building production-grade agentic systems, the prospect of applying advanced automation techniques to optimize Brandl Nutrition's operational workflows aligns directly with both technical expertise and the company's innovation-driven approach to sports nutrition.

- Built fully automated content pipelines achieving 20x reduction in production time and 96% cost efficiency for social media platforms, demonstrating direct relevance to marketing automation needs. These systems utilize LangGraph and LangChain orchestration with autonomous content generation, editing, and publishing capabilities that could streamline Brandl's marketing operations.
- Developed agentic AI systems that reduced research workload by 50% through multi-agent architecture implementing dynamic code execution, web search, and memory checkpoints. This experience in process optimization through AI directly addresses the core requirement of identifying and implementing automation opportunities across marketing, sales, and customer service functions.
- Engineered production-ready FastAPI backends with PostgreSQL, Redis, and MongoDB integration, alongside Docker containerization and CI/CD pipelines. This technical foundation enables rapid deployment of AI-supported tools and workflows, ensuring scalable implementation of automation solutions across company operations.
- Currently serving as Research Assistant at TU Braunschweig, building agent-based systems for biomedical literature analysis with 94% accuracy in metric extraction. This role demonstrates ability to train teams on AI applications while documenting methodologies and maintaining knowledge transfer protocols essential for long-term AI adoption.

The technical architecture experience combined with hands-on approach to AI implementation positions this collaboration to deliver measurable productivity gains across Brandl Nutrition's operational landscape. Ready to contribute immediately with confirmed availability starting 01/08/2025, bringing both autonomous execution capability and collaborative knowledge transfer to advance the company's AI integration objectives while gaining valuable domain expertise in performance nutrition markets.

Warm regards,

Aditya Ghanashyam Ladawa