

Jonathan Orlowski

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Summary

MLOps-oriented software engineer with 10+ years in BI/data, now building and deploying ML systems. Combines full-stack development, model training, and containerization expertise with strong analytical background to bridge technical ML work and business outcomes.

Technical Projects

[Agentic AI Workflow](#) ([n8n](#), [LangChain](#), [Docker](#), [PostgreSQL](#)): Multi-agent system with API integration and image generation, deployed in a cloud Docker container.

[Voice Cloning System](#) (**PyTorch, XTTs v2, Gradio**): Fine-tuned TTS model for Argentinean Spanish voice cloning, trained locally and deployed with Gradio.

[Mini-LLM Text Generator](#) (PyTorch, GPT-2): Custom GPT-2 model fine-tuned on domain-specific text with production deployment

Image Classifier (**FastAI**, **ConvNeXt**, **PyTorch**): Binary classifier using transfer learning with end-to-end training and deployment pipeline.

Technical Skills

ML/AI: PyTorch, FastAI, TensorFlow, Hugging Face, n8n, model training & deployment

Full-Stack: JavaScript/TypeScript, Python, React, Node.js, Express, PostgreSQL, Prisma, RESTful APIs

DevOps: Docker, Git, CI/CD, Azure, cloud deployment (Cloudflare, Netlify, Railway, Koyeb)

Data/BI: Power BI, SQL Server, Azure Data Factory, ETL, data modelling, analytics

Professional Experience

Commercial Analytics & Information Manager, St John Ambulance – London, UK

July 2022 – Jan 2024

- Led Dynamics 365 implementation, QlikView to Power BI migration, and developed e-learning dashboard with the Stripe API.
 - Normalised databases and automated data entry with SSIS, managing analytics for £60M operations.
 - Led team of 6 analysts (4 database, 2 business) supporting revenue operations and reporting.

Business Information & Data Manager, St John Ambulance – London, UK

Jan 2015 – Jun 2022

- Led Access to SQL Server migration, managing 4 databases (3 B2B, 1 B2C) with 2M+ records
 - Implemented GDPR compliance and automated workflows saving 1 FTE using VBA/Power Automate
 - Analysed 20,000+ courses across dimensions including pricing, length, and location

Sr. Business Information Analyst, St John Ambulance – London, UK

Feb 2013 – Dec 2014

- Delivered reporting and analytics using QlikView/Excel for Finance, Operations, Marketing, and Sales
 - Maintained pricing tools and outbound sales lists representing 15% of total revenue

Front of House Administrator, Doubletree by Hilton – London, UK

Apr 2012 – Jan 2013

Client Financial Management Analyst, Accenture – Buenos Aires, Argentina

Jul 2010 – Dec 2011

- Developed financial models for IT/consulting services (\$100M projects) and performed SOX compliance audits

Education

Del Salvador University, Buenos Aires, Argentina – 5yr degree in International Cultural and Business Studies

Universität Passau, Passau, Germany – Double degree as above

2010

2008