Daniel Bryars

Platform architecture | Hybrid infrastructure, reliability and robotics

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Software engineer, mechatronics engineer and hands-on architect with commercial judgement, energy and enthusiasm. Grew a profitable SaaS business to 40 staff and £8M ARR through exit; led hybrid platforms in regulated payments and telecoms. Now building robotics software and AI infrastructure.



2025–present **NEOintralogistics** | Staff Engineer

Contract Aug–Dec 2025 Permanent Jan 2026–present

Built Universal Robots script composition and stock allocation; developing a warehouse management system (WMS) coordinating robot arms and autonomous mobile robots (AMRs).

2024–2026 **MSc and parallel work**

University of Leeds | MSc Artificial Intelligence, Distinction

Researched spatial conditioning to help robot-learning policies generalise to new object positions. Built data capture, PyTorch training and evaluation through to physical deployment.

GovInsight | Technical Co-founder 2024–2025

Co-founded a nonprofit with a local councillor; prototyped personalised resident newsletters from council proceedings.

Fugro | Software Developer Contract Jun–Sep 2025

Developed distributed weather-telemetry software for offshore ships, oil rigs and helicopter operations, using RabbitMQ for clients including Equinor.

2021–2024 **Dubber** | Head of Technology and Strategy EMEA

Post-acquisition earn-out.

Led 20 engineers and owned a 300+ service hybrid platform across two datacentres, AWS and Azure. Set architecture, SLAs and roadmap with customers, Product and Sales; remained hands-on in C, C# and JavaScript.

2006–2021 **Aeriandi/Speik** | Co-founder, CTO / Technical Director

Co-founded and led technical strategy through the Voxygen merger and £21.5M sale to Dubber.

Built cross-functional teams, hired and mentored engineers, and planned resources against a 24-month roadmap. Turned commercial and customer priorities into specifications, statements of work and partner delivery plans.

Owned architecture and delivery while spending at least half my time coding. Led AWS microservices migration with Helm, Kubernetes and Terraform. Built a no-code platform that helped double revenue to £4M in 18 months and patented PCI-compliant voice payments for Scottish Power, Three and Vodafone.

Rebuilt reliability after a multi-site failure using FMEA and defensive design; sustained 100% SLA compliance year on year.

2005–2006 **Red Bull Racing** | Research and Design Engineer

Delivered software, hardware and automated systems in Formula One R&D.

2003–2005 **Jaguar Racing** | Lead F1 Build Programme Manager

Coordinated design, manufacture and build of race-ready F1 cars; met all programme milestones.

1997–2003 **Pi Research / Cosworth** | Programme Manager / Field Applications Engineer

Delivered embedded software, telemetry, robotic scanning and engine-test systems, with field assignments across Australia, Brazil, Canada, Europe, Japan, Mexico and the USA.

Independent AI platform

Kratos | Independent training platform 2026

Built a platform for curating datasets, scheduling training jobs and tracing models to data and runs; GCP, MLflow and Python workers.

Education, courses and patents

MSc Artificial Intelligence with Distinction, Leeds, 2026.
BEng (Hons) Mechatronics, Leeds, 1997.
AI Residency, ML Institute, 2025.
Courses: Containers; FMEA.
Granted patents: EP3230933B1, EP3230934B1.

Technical skills

Code: BBC BASIC, C/C++, C#, JavaScript/TypeScript, Lua, Python, SQL.
ML/robotics: CAN, CUDA, Hugging Face, LeRobot, MLflow, MuJoCo, PyTorch, ROS 2, W&B.
Platforms: AWS, Azure, Bicep, CI/CD, Docker, GCP, Helm, Kubernetes, Linux, MySQL, RabbitMQ, SQL Server, Terraform.
Reliability: FMEA, GDB, Grafana, incident response, Loki, OpenTracing, Prometheus, SLOs/SLAs.
AI coding: AI First; spec-driven development with Claude, Codex, DeepSeek and OpenCode.

Outside work

Built my family home as principal contractor. Workshop: a 3D printer, Blender, ESP32/Arduino, FreeCAD, three robot arms and two lathes. League squash player.