TOMMY KNIGHT

FULL-STACK ENGINEER
& DATA ARCHITECT

LOCATION
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TECHNOLOGIES

FRONTEND
React — Next.js — React Native
TypeScript — Tailwind — WCAG AAA

BACKEND & CLOUD
Node.js — Azure — Supabase
CF Workers — PowerShell

DATA ENGINEERING
Advanced SQL — Stored Procs
Bordereaux — Tableau API

AI & WORKFLOW
Copilot Studio — RAG/Vectors
Agentic Flow — CI/CD

EDUCATION

Full Stack Web Dev
Epicode School, 2021

A/S Levels
Maths, Chemistry, Biology, Art
SJW Mathematical School

DISTINCTIONS

Competitive Gaming
Top 16 Europe — EGL, Emirates Stadium

BAFTA Presenter
Best Children's Animation Award

Professional Actor
60+ productions — BBC, ITV, West End

MHFA Certified
Mental Health First Aider

PROFILE

Full-Stack Developer with **5+ years** of experience modernizing legacy enterprise systems. Currently the **sole internal developer** at Hood Group, architecting a complete Next.js web migration and automating critical financial reporting pipelines. Expert in bridging complex SQL backend logic with modern, user-centric frontends. Background in **60+ professional productions** brings exceptional adaptability to technical teams. Delivered mission-critical solutions for **Virgin Media**, **Sainsbury's Bank**, **Morrisons**, and **John Lewis**.

PROFESSIONAL EXPERIENCE

Hood Group – Ticker Insurance   MAY 2025 — PRESENT
Data Analyst (Sole Internal Developer)

- Built the corporate website entirely solo — rewrote 500+ static HTML pages into a modern Next.js app with Headless WordPress. Achieved WCAG AAA compliance and a perfect 100/100 Lighthouse score.
- Architected a Node/React operations dashboard hosted on internal servers — handling real-time server health, SQL job failure alerts, stored procedure version control, and schema change detection.
- Automated Tableau failure recovery: built an app that queries the API, collects failed job IDs, and re-runs hundreds of jobs in a single click — reducing daily triage time by 90%.
- Reverse-engineered decade-old "black box" financial stored procedures, solving mystery logic errors and restoring revenue reporting accuracy for insurance bordereaux.
- Maintained SQL logic powering daily/monthly reports for partners including Morrisons, Virgin Media, and John Lewis. Refactored 2005-era procedures into modern indexed structures.
- Configured Microsoft Copilot (GPT-4) RAG chat for HR — handled frontend fixes and vectorized policy documents as training data for domain-specific query resolution.

Hood Group – Ticker Insurance   2024 — 2025
Operations Team Leader

- Managed 40+ agents across insurance/claims. Conducted the systems analysis that identified the need for the custom internal tooling listed above.

Hood Group – Ticker Insurance   2023 — 2024
Customer Service Agent

- Delivered multi-channel support. Became a key resource for the team's most complex escalations.

Ventrica – Ferrero   2022 — 2023
Customer Technical Support

- 1st-line technical support for Thorntons and the Kinder Egg recall. Data handling via Excel and Zendesk.

INDEPENDENT DEVELOPMENT

"Cosy" — Book Tracking App   2023 — PRESENT
Mobile-first Goodreads alternative for iOS & Android. React Native + Cloudflare Workers + Supabase. Custom OAuth, ad-network monetization, real-time user stats. **Deployment planned 2026.**

Game Server & Plugin Engineering   2021 — PRESENT
OSRS private server: hosting, DB persistence, multiplayer state sync. Custom Java plugins for the RuneLite client.