Daniel-Constantin Radu

Aylesham, UK · Open to Remote (UK / EU) · Relocating to Romania, 2026
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PROFILE

Final-year Computer Science student at the University of Kent (predicted First, graduating 2026). Core languages are Java and PHP, with web fundamentals (JavaScript, HTML/CSS, SQL) and a working knowledge of Python. Solo founder of TradeWolk, an iOS trading platform shipped using AI development tools (Claude Code, Cursor) — leading product, architecture, and go-to-market while AI handles implementation across the stack.

PROJECTS

TradeWolk — Founder

Mar 2026 – Present

Native iOS trading journal and analytics platform for retail and prop-firm traders. Currently in TestFlight with active beta testers.

- Lead product direction, system architecture, and go-to-market as solo founder; implement across the stack using AI development tools (Claude Code, Cursor)
- Architected a self-hosted MetaTrader 5 bridge on Windows VPS to bring per-account infrastructure costs ~90% below commercial alternatives, making free-trial economics viable. Full case study: github.com/Costird21/mt5-self-hosting-case-study
- Designed an AI trading coach feature using the Anthropic Claude API with tool-use, cost-capped through prompt design and context-window management
- Designed live data fan-out path for real-time account updates from multiple MT5 instances to the iOS client
- Full subscription stack via StoreKit 2 + RevenueCat; observability with Prometheus / Grafana; product analytics with PostHog

Stack: *SwiftUI · Python · FastAPI · PostgreSQL · Anthropic Claude API · Linux + Windows VPS · MetaTrader 5*

Taxi Dispatch SaaS — Team Leader & Backend Developer, University of Kent Group Project

Dec 2025 – Jun 2026

Multi-role taxi dispatch web platform — customer booking, controller dispatcher console, and in-cab driver flows on a single CodeIgniter 4 / MySQL stack.

- Led a team of 4 delivering a production-grade dispatch system as final-year group project
- Architected the system to stay on a single PHP/MySQL stack with short-poll endpoints rather than introducing WebSockets or a separate realtime service — let a small team ship all three roles without splitting across runtimes
- Personally built: backend architecture and project setup, MySQL schema (5 core tables with foreign keys and ENUM-driven status state machines), and the controller dispatcher console (live job table, per-cab status, cab-location map feed, full job lifecycle actions)
- Wrote re-runnable database bootstrap script for new dev machines

Stack: *PHP 8.1 · CodeIgniter 4 · MySQL · Composer · bcrypt session auth · PHPUnit*

OTHER EXPERIENCE

Self-Employed Driver — Ai Castletaxis, Deal, UK
Mar 2025 – May 2026

Funded CS degree and TradeWolk's early infrastructure costs through self-employed taxi work alongside full-time study.

Night Shift Warehouse Operator — A Gomez Ltd, Kent, UK
Mar 2022 – Oct 2023

Full-time night shift warehouse role. Forklift and Linde truck operation, trailer loading for product dispatch.

Founder — ShineMaster (Mobile Car Detailing)
Mar 2024 – Jul 2025

Bootstrapped a small mobile detailing business with branded site, lead funnel, and direct customer acquisition. Closed due to seasonality and degree workload.

Customs Data Entry Clerk — AGI Global Logistics, Folkestone, UK
Jan 2021 – May 2021

Part-time data entry processing customs documentation for export-import logistics.

EDUCATION

BSc Computer Science — University of Kent
Sep 2023 – Jul 2026

Predicted: First Class Honours. Relevant modules: Software Development, Software Engineering, Web Development, Database Systems, Introduction to AI.

UAL Level 3 Extended Diploma — Digital Design, Web & Animation, Canterbury College
2018 – 2021 · Distinction

GCSEs — The Archbishop's School
2016 – 2018

SKILLS

Languages: Java · PHP · JavaScript · HTML · CSS · SQL · Python (working knowledge)

Web & Backend: CodeIgniter 4 · MySQL · PostgreSQL · REST APIs · bcrypt session auth · PHPUnit

Tools & Workflow: Git · Linux · AI development tools (Claude Code, Cursor)

Spoken: English (Fluent) · Romanian (Native)