

# YIGITCAN UK

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## PROFESSIONAL SUMMARY

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AI automation engineer based in Vienna. I build automation workflows in n8n, Make, and Zapier, multi-agent AI systems on the Claude API with cost controls, validated outputs, and human review built in, and full-stack SaaS products in TypeScript and Python. Four projects on GitHub, two of them live. Before moving into automation full-time, eight years in event operations and logistics taught me which problems are actually worth solving.

## TECHNICAL SKILLS

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**Languages & Frameworks:** TypeScript · Python · JavaScript · React 19 · Next.js 15 · Express · tRPC · Tailwind CSS · Zod · Drizzle ORM

**Automation & Workflow:** n8n (pipeline architecture, webhook orchestration, error handling, duplicate detection, branching logic; self-hosted via Docker) · Make (scheduled scenarios, router / filter / aggregator design, daily ops reporting) · Zapier (multi-path flows, formatter, delay, SaaS-to-SaaS integrations)

**AI / LLM Integration:** Anthropic Claude API · OpenAI API · Google Gemini API · AI Studio · Ollama · multi-agent architecture · structured JSON output · cost governance · MCP orchestration · prompt engineering · function calling · confidence scoring · human-review escalation · agent flows (Claude Code, Hermes, OpenClaw)

**Architecture & Systems Design:** Multi-tenant SaaS architecture · monorepo design · API layer separation · AI agent pipeline design · cost-optimized LLM workflows · cost + token logging and run observability · GDPR-aware data architecture · JWT + Row Level Security auth patterns

**Data & Integrations:** Supabase/PostgreSQL · MySQL · SQLite · Airtable · HubSpot · Meta WhatsApp Business API · Instagram Graph API · REST APIs · Webhooks · OAuth 2.0

**Deployment & Tooling:** Vercel · Docker · Cloudflare (Tunnel + Access) · Git · GitHub · Turborepo · Playwright · GDPR-aware data design

**Currently Building:** RAG + multi-agent project with evaluation suite — LangGraph, LangChain, pgvector (vector retrieval), Langfuse (LLM observability), FastAPI

*Comfortable integrating any REST API, MCP connector, or AI model as required.*

## AI PROJECTS

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### Badger Tape — AI Content Pipeline

Mar 2026 · Live Demo · Channel running

- 5-agent parallel architecture (Image, Music, Video, Merge, Upload) with thread-safe orchestration, per-session state checkpointing and a hard \$2.00/run spending cap enforced via `threading.Lock` — interrupted runs resume from the last completed step
- YouTube Data API v3 with OAuth 2.0; private-upload-by-default; read-only monitoring dashboard; channel live

Tools: Python 3.10+, FAL AI, YouTube Data API v3, FFmpeg, OAuth 2.0 | [github.com/Neeidy/Badger-Tape](https://github.com/Neeidy/Badger-Tape)

### Beauty Booking OS

Apr 2026 · Live Demo · `beauty-booking-os-web.vercel.app`

- Config-driven, multi-tenant salon platform: 4-step storefront with live slot availability, hold-timer reservations and waiting list; admin back-office covering leads Kanban, CRM, calendar, staff, rebooking and AI logs; bilingual DE/EN (730-key i18n parity locked by test); UI designed with Claude, full architecture directed and built with Claude Code
- Booking engine: PostgreSQL exclusion constraint preventing double-booking; reminder algorithm with Vercel Cron; complete API route layer; rate limiting + helmet security headers; Meta WhatsApp Business API + Instagram Graph API webhooks (HMAC-SHA256)
- 5 Claude agents (intake, booking, follow-up, content, orchestrator): Zod-validated outputs, confidence scoring with auto human-review escalation, token + cost logging per call; GDPR-aware
- 327 Vitest tests · 194 commits · Vercel + Supabase/PostgreSQL

Tools: Next.js 15, TypeScript, Turborepo, Supabase/PostgreSQL, Drizzle ORM, Anthropic Claude API, Claude Code, Resend, Vercel | [github.com/Neeidy/Beauty-Booking-Os](https://github.com/Neeidy/Beauty-Booking-Os)

### Family Budget OS

Feb 2026 · Live Demo · `demo.aileplan.uk`

- Trilingual (TR/EN/DE) household budgeting SaaS: full data model covering income, expenses, installments, savings goals, monthly rollover; locale-aware demo overlay with strict prod/demo API boundary
- PWA with Workbox offline tolerance; cookie-based household auth (bcrypt + jose JWT); helmet + rate-limiting; 164 commits

Tools: React 19, Vite 7, Tailwind v4, tRPC v11, Express 4, Drizzle ORM, MySQL 8 | [github.com/Neeidy/Family-Budget-Planner](https://github.com/Neeidy/Family-Budget-Planner)

## Automation Systems Portfolio

Jun 2026 · [github.com/Needy/Automation-Systems](https://github.com/Needy/Automation-Systems)

- 3 end-to-end backend automation workflows across n8n, Make, and Zapier: AI Lead Intake CRM (webhook → validation → Airtable duplicate check → Telegram); Beauty Salon Daily Operations Report (Airtable scheduler → aggregation → Telegram); Client Onboarding & Follow-up (webhook → HubSpot CRM → Gmail draft → Google Calendar → Telegram)
- Sanitized exports, case study HTML pages, and demo data included for all workflows

Tools: n8n, Make, Zapier, Airtable, HubSpot, Telegram, Gmail, Google Calendar | [github.com/Needy/Automation-Systems](https://github.com/Needy/Automation-Systems)

## WORK EXPERIENCE

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### Delivery Driver — Last-Mile Operations · Sep 2023 – Apr 2026

Onal GmbH / Albatros GmbH / Alpen Logistik GmbH (Amazon DSP) · Vienna, Austria

- High-volume logistics environment: up to 100+ stops per shift, performance-tracked, time-critical; route planning and real-time adaptation

### Field Operations & Event Logistics Supervisor · Mar 2019 – Sep 2022

Mystaff Human Resources · Izmir, Turkey

- Supervised teams of up to 13 across large-scale festival operations (MilyonFest — 14–17 events/year, multiple cities, up to 15,000 daily attendees); full cycle: warehouse planning, truck coordination, live management, dismantling
- 2019–2020: operated independently without an agency layer — full responsibility for materials, staffing, and logistics from scratch

### Senior Event Technician · Jan 2016 – Feb 2019

Pro Promotion · Izmir, Turkey

- Technical setup crew for large-scale commercial events (Tuborg portfolio); truck loading/unloading, area organisation, team coordination under pressure

### Sales Advisor · Sep 2014 – Dec 2015

AJ Armani Jeans · Izmir, Turkey

- Customer service, stock control, cashier operations in a retail fashion environment

## LANGUAGES

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Turkish — Native

English — Professional working proficiency (written + spoken)

German — B1 Intermediate, actively improving

## EDUCATION

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Namik Kemal Anadolu Lisesi · High School Diploma · Izmir, Turkey · 2012