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SUMMARY

Full stack developer who ships and maintains production software. I build React and TypeScript front ends on backends I own — Supabase and Postgres, Express and MySQL, Python services — and I have taken products all the way through payments, authentication and deployment on a custom domain. Computer Science graduate, writing code since 2020, with three products live on the internet today.

EXPERIENCE

IT Technician | Simex Group

Doha, Qatar | Nov 2024 – Sep 2025

- Supported 100+ users across hardware, software and network issues, maintaining high system uptime.
- Provisioned and deployed 30+ workstations and maintained a structured asset database for lifecycle tracking.
- Diagnosed and maintained IoT devices using systematic root-cause analysis on systems I did not build.

SELECTED PROJECTS

Sortak — AI passport and ID photo platform

sortak.net | 2025 – present

- Live commercial product that turns a phone photo into a print-ready government-spec ID photo.
- Built the camera capture flow, including a face-guide overlay that gates the shutter until framing is valid.
- Built a Python FastAPI face-scoring service using InsightFace ArcFace embeddings and MediaPipe FaceMesh, which grades every generated photo for identity drift and geometry before a user sees it.
- Turned scores into corrective prompt fragments driving a critique-guided retry loop; deterministic output and fail-open behaviour so a service outage never blocks a customer.
- Stack: React, TypeScript, Vite, Tailwind, shadcn-ui, Supabase (Postgres, auth, 25 edge functions), Paymob payments, Docker, Railway.

Otiumate — AI studio website

otiumate.com | 2026

- Designed, built and deployed the public site for my AI automation studio, on its own domain.
- Four runtime dependencies and no component library: preloader, custom cursor, scroll progress, project modal and team slideshow are all hand-built.
- Separated all content into typed data modules so copy can be updated without touching component code.
- Configured security headers, immutable asset caching and SPA rewrites at the platform level.
- Stack: React 18, TypeScript, Vite 5, Tailwind CSS, Framer Motion, Vercel.

Body Level — calisthenics progression app

body-level.vercel.app | 2025

- Built end to end, front and back: exercise progressions modelled as a dependency graph rather than a checklist.
- Designed a six-table MySQL schema where a skill_prerequisites table drives the tree, so unlock state is computed from data instead of hardcoded in the UI.
- Wrote the Express and TypeScript API with JWT sessions, bcrypt password hashing and cookie-based auth.
- Stack: React, TypeScript, Redux Toolkit, Material-UI, Framer Motion, Express, MySQL.

StudyWise — AI learning platform

University capstone, team of four | 2024

- Built multiple-choice question generation and an adaptive difficulty model driven by student performance.
- Added PDF question-answering, an audio pre-processor for recorded lectures, flashcard generation and per-topic statistics; rate-limited generation to prevent abuse.
- Stack: Python, Flask, Firebase, NLP.

EDUCATION

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, C++, SQL
Frontend: React, Next.js, Vite, Tailwind CSS, Redux Toolkit, Material-UI, shadcn-ui, Framer Motion, HTML/CSS
Backend: Node.js, Express, Flask, FastAPI, REST API design, JWT and session auth
Data: PostgreSQL, MySQL, Supabase, Firebase
Infrastructure: Vercel, Railway, Docker, Git, CI/CD, DNS and custom domain setup
Practices: OOP, SOLID, MVC/MVVM, Agile/Scrum, code review, accessibility and SEO fundamentals