DANIEL ISSAC

Computer Engineering Student · Full-Stack & Automation Developer · Operations Specialist

AVAILABLE FOR REMOTE DIGITAL WORK

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PROFESSIONAL SUMMARY

Adaptable, technically disciplined **Computer Engineering Student** at Beykoz University with a prior Bachelor's degree in **Tourism and Hospitality Management**. Combines rigorous full-stack software development, automated browser scripting, and API orchestration with over 4 years of operational experience across international recruitment, guest services, digital media, and academic coordination. Creator of **Scorpia** (thescorpia.com), a multi-application ecosystem including a voice-driven AI operations agent, a full-stack CRM, catalog-scale batch AI image generation SaaS, live media discovery portal, and real-time meeting transcription tools. Fluent in English (IELTS 7.0) with strong cross-cultural execution skills.

CORE TECHNICAL & PROFESSIONAL SKILLS

FULL-STACK & LANGUAGES

TypeScript · JavaScript (ES6+) · Python 3 · React 18/19 · WebGL · Next.js 14/16 · Node.js · Flask · HTML5 / Tailwind CSS

AUTOMATION & DATA

Playwright · PostgreSQL (LISTEN/NOTIFY) · Prisma ORM · Better Auth · Google Drive API · RESTful APIs · n8n / Workflows

SYSTEMS & AI MEDIA

Docker / Compose · Linux / Ubuntu VPS · Nginx / Vercel Edge · AI Agents (Claude Code) · Speech AI (Web Speech, Piper TTS) · LLM Tool Calling · FFmpeg · Batch Image Gen · Git & GitHub

OPERATIONS & STRATEGY

Technical Recruitment · Pipeline Management · Product Photography · Cross-Cultural Comms · Project Management · Data Analysis

FEATURED SOFTWARE & ENGINEERING PROJECTS

Scorpia Monitor & Quantum Processor — Voice AI Agent & Operations Center

Next.js, WebGL, Postgres, Claude Code, Piper TTS, Web Speech API

- Built a live 3D (WebGL) view of six production apps with a voice AI agent at its core: signed spoken questions reach a home-PC worker over Postgres `LISTEN/NOTIFY`, run through Claude Code, and stream back as text and neural speech; status questions are answered from live data in under a second.
- Added spoken, rate-limited alerts, a per-service firewall and a ~15 s kill switch across six deployments; its CPU watch traced a runaway scan and cut server load from 13 to under 2.

Scorpia Ecosystem — Integrated Cloud & Desktop Software Suite

Next.js, TypeScript, Python/Flask, Playwright, PostgreSQL, Docker, Nginx

- Architected and shipped an integrated set of web and automation tools. The public site and apps run on Vercel (thescorpia.com); earlier versions ran on an Ubuntu Linux VPS behind an Nginx reverse proxy, retired in August 2026.

- **Scorpia Stream (thescorpia.com/stream):** Built a cinema-grade movie and TV discovery app in Next.js and TypeScript featuring TMDB integration, hero spotlights, and multi-faceted genre/year/rating filtering.
- **Scorpia CRM:** Developed a reactive sales and candidate pipeline workspace featuring Kanban workflow stages, rich card notes, activity histories, and a credit-based ledger utilizing Next.js 16, Prisma ORM, and Better Auth.
- **Batch Image Studio SaaS:** Built a high-throughput AI studio allowing catalog-scale image generation and virtual try-ons with pluggable model backends (Qwen, FLUX, Gemini) and fail-safe credit metering.

Opportunities Myanmar Portal & CV Studio

React, Next.js, Tailwind CSS, TypeScript

- Built a portal of verified international scholarships, study programs and work visa pathways for Myanmar students, with an in-browser CV studio that exports ATS-standard PDFs.

Minutes AI & Bionic Media Server

Next.js, TypeScript, Web Speech API, Claude / Gemini, Postgres, FFmpeg, HLS

- **Minutes AI (sample):** Built an in-browser meeting recorder with live transcription and on-device speaker labels that turns meetings into structured summaries, decisions and action items using Claude or Gemini, with an offline fallback.
- **Bionic Stream:** Deployed a self-hosted media server with automated video transcoding and HTTP Live Streaming (HLS) powered by FFmpeg.

PROFESSIONAL EXPERIENCE

ZTE Corporation — HR Associate (Recruitment)

Dec 2024 – Jun 2025

- Executed end-to-end talent acquisition pipelines for a global telecommunications equipment enterprise.
- Headhunted candidates across social media channels and professional networks; screened hundreds of resumes against technical role requirements.
- Conducted preliminary candidate interviews, scheduled technical evaluations, and maintained recruitment data accuracy.

Lotte Hotel Yangon — Front Office Intern (Bellman)

Jun 2023 – Sep 2024

- Provided first-class concierge and guest relation services within a renowned luxury 5-star international hotel.
- Handled high-priority guest logistics, luggage management, and facility inquiries in a fast-paced environment.
- Upheld strict standards of guest comfort, satisfaction, and cross-departmental coordination.

Strategy First University — Junior Associate (Operations & Academic Support)

2021 – 2022

- Served as academic coordinator facilitating both virtual and in-person university degree courses.
- Managed student services, extracurricular club activities, LMS virtual classroom logistics, and accurate academic data entry.

Freelance Digital Media & Content Specialist

2020 – Present

- Executed commercial product photography and catalog digital editing for retail clients (Classic Home Furniture).
- Conducted field quality audits, tourism research, and travel writing for digital mobile applications (Attractive Myanmar App).
- Managed client social media presence and digital lead generation campaigns with real-time lead capture.

EDUCATION

Beykoz University

Bachelor of Computer Engineering

2025 – Present | Istanbul, Turkey

Core studies in algorithms, software systems, computer architecture, databases, and networking.

National Management Degree College

Bachelor of Tourism & Hospitality Management

2017 – 2024 | Yangon, Myanmar

International communications, service management, and business operations.

LANGUAGES & COMMUNICATION

- **English:** Fluent (IELTS Academic Overall Band 7.0) — professional workplace English.
- **Burmese:** Native.
- **French:** Elementary (A1).
- **Turkish:** Elementary / Conversational (in active study).

TARGET DIGITAL ROLES

Full-Stack / Web Developer · Automation & AI Specialist · Technical Operations · Digital Solutions Coordinator