

AMIN KORDAB

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PROJECTS

Nightlink | Solo Founder & Developer

2024 – Present

SaaS platform enabling nightclub PR representatives to launch their own branded ticket-resale websites • Code: github.com/NotSoEthicalGuy

- Designed and built a full-stack SaaS product solo, allowing nightclub PRs to subscribe and spin up their own storefront to resell tickets issued by partner nightclubs
- Built the frontend with React and TypeScript and the backend with NestJS, using Prisma ORM over PostgreSQL for data modeling
- Designed and implemented REST API endpoints for subscriptions, ticket inventory, and per-PR storefronts, including authentication and authorization flows
- Tested all API endpoints in Postman, covering authentication, error handling, and edge cases before integration
- Owned the project end-to-end — architecture, schema design, frontend/backend integration, and deployment

S.A.G.E. — Student Academic Guidance Engine | Senior Capstone Project

2025

AI-driven academic advising platform that detects “academic drift” and flags at-risk students before problems compound

- Architected a four-actor platform — Admin, Advisor, Student, and an AI Engine — covering degree requirement management, AI-driven drift and triage analysis, graduation pathway generation, and appointment scheduling
- Built the backend with Express.js and TypeScript and the frontend with Next.js 14 and Tailwind CSS, backed by Prisma and PostgreSQL
- Integrated the Claude API to power drift detection, exam analysis, and grade prediction, using Zod to validate AI response schemas
- Presented via live demo personas contrasting a critical-drift case against a healthy, on-track trajectory, grounded in personal experience recognizing academic drift too late

EDUCATION

Bachelor of Science, Computer Science | University of Balamand

2022 – 2025

Minor in AI & Robotics | University of Balamand

2025 – 2026

EXPERIENCE

Student Developer | Balamand Computer Lab (OOP, Data Structures, Databases, Mobile)

Sep 2023 – May 2025

- Built iOS and Android applications with Swift and Objective-C, and Java/C++ applications applying OOP and core data structures (linked lists, stacks, queues, trees, graphs)
- Designed and managed relational databases in SQL, including normalized schemas and ER diagrams, for academic coursework

Volunteer | AI Conference in Lebanon, by Hikmat Al Biaani

July 2025

- Coordinated logistics for AI workshops and speaker sessions and supported live technical troubleshooting during panels and demos

Tutor | EIC

Jul 2021 – Nov 2021

- Delivered tailored English and Math lessons to students of varying ability levels

TECHNICAL SKILLS

Web & Backend: React, Next.js, TypeScript, Node.js, NestJS, Express.js, Prisma, REST API design, Postman/API testing, Zod, authentication, deployment

Databases: PostgreSQL, MongoDB, SQL

AI/ML: TensorFlow, PyTorch, Keras, Scikit-learn, OpenCV, OCR/Tesseract, Claude API integration

Mobile: Swift, Objective-C, iOS & Android development, Xcode, Android Studio

Languages & Tools: Java, Python, C++, C, MATLAB, Git/GitHub, Linux (Kali), Windows

Robotics: ROS, Gazebo, Arduino, Raspberry Pi, sensor integration, path planning

CERTIFICATES & TRAINING

- Ethical Hacking Certification • Cyber Security — Itronics Solutions
- Cryptanalysis — Google Certificates • Cyber Security Course A to Z — Semicolon Academy

Languages: Arabic (Native) • English (Full Professional Proficiency) • French (Basic)