

Emile Khamis

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PROFILE

Information Systems graduate (B.Sc., 2026) with academic experience building real-world products end to end – from database design to UI. Combines independent full-stack development (React, Node.js, Python) with production experience as a NOC Operator, keeping systems reliable in a 24/7 environment. Strong product mindset, fast learner, and comfortable independently researching, building, and iterating on new ideas – including using AI-assisted tools to move faster

EDUCATION

B.Sc in Information Systems
Academic College of Tel Aviv-Yafo
2023–2026

Relevant Coursework:
Data Structures, OOP, Java, C, c++, c#, Python, Web Development, Databases, DevOps, UX/UI, Networking

CERTIFICATIONS

Project Management –
Academic College of Tel Aviv-Yafo, 2025

Google Analytics 4 (GA4) –
Google Skillshop, 2025

VOLUNTEER EXPERIENCE

- National Service 2021–2022 Mentored students in Math and Physics; led science experiments
- Tutor – Perach Program 2022 – 2023 Taught Arabic to elementary school students

LANGUAGE

- Advanced English
- Advanced Hebrew
- Native Arabic

WORK EXPERIENCE

NOC Operator – Wecom 12/2025 – present

- Monitor and support reliability of production systems in a 24/7 environment, catching and containing issues before they escalate
- Diagnose technical incidents through production log analysis, tracing root cause and verifying resolution
- Manage technical incidents and service requests end-to-end using CRM and IT service management platforms
- Collaborate cross-functionally with engineering and operations teams (Jira, Metabase, Monday, Microsoft Teams) to track, document, and resolve issues
- Proactively explore and adopt new tools and automation approaches, including AI-assisted tools like Claude Code, to improve workflows

TECHNICAL SKILLS

- **Programming:** Python, Java (OOP), C, C++, JavaScript.
- **Web Development:** HTML, CSS, React, Node.js, PHP, jQuery.
- **Networking and Protocols:** TCP/IP, HTTP/HTTPS, DNS, DHCP, Network Architecture.
- **Monitoring and Investigation:** Production log analysis, Zabbix, Grafana, Metabase.
- **Databases:** SQL, database structure design, and validation logic.
- **Cloud and Systems:** AWS (EC2, S3, VPC, CI/CD, Load Balancer), Linux fundamentals
- **Tools & Methodologies:** Jira, Monday, Git, Docker, Agile development, automation, AI-assisted development

PROJECTS

- Trilingual E-Learning Platform (Freelance Client Project) — Full-stack learning platform (Next.js, TypeScript, PostgreSQL) with multilingual/RTL support, gated video access, and secure authentication, built for a client using Claude Code.
- JobPilot AI (Independent Project) — AI-powered job-search agent automating job board searches, with a tiered pricing model and onboarding flow.
- Examix (Web) — Full-stack exam-creation platform with a custom database schema and validation logic.
- Tonybot AI Project (Hardware/Robotics) — AI-integrated robotics system combining Arduino hardware with Python-based automation logic.