

## **Amr Kalany**

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### **SUMMARY**

B.Sc. Software Engineering graduate with hands-on experience designing and developing full-stack applications. Proven ability to lead and collaborate in team environments, demonstrated through academic and real-world projects. Passionate about continuous learning, with practical experience across software development, automation systems, and robotics. Committed to delivering scalable, maintainable solutions and contributing to high-performing engineering teams.

### **SKILLS**

- Languages: Java, Python, C, C++, C#, JavaScript, TypeScript, SQL
- Frameworks/Libraries: React, React Native, Node.js
- Tools: Git, GitHub, Linux, MySQL, MongoDB
- Core CS: Algorithms, OOP, Unit Testing, System Design

### **EDUCATION**

#### **B.Sc. in Software Engineering**

#### **Braude College of Engineering (Karmiel, 2019–2024)**

- Capstone Project: Full-stack inventory and order management system for a large electrical supply store

Relevant coursework: Data Structures & Algorithms, Operating Systems, Real-Time Systems, Cybersecurity, Networking, Machine Learning, Data Mining, UI/UX, Software Quality Assurance

### **CERTIFICATIONS**

- Ultimate AWS Certified Solutions Architect Associate (Udemy, 2025)
- Machine Learning in Production – DeepLearning.AI (Coursera, 2025)
- Machine Learning Specialization – DeepLearning.AI (Coursera, 2024)
- Google Data Analytics Professional Certificate (Coursera, 2024)
- React Native – The Practical Guide (Udemy, 2024)
- 100 Days of Code: Python Bootcamp (Udemy, 2024)

### **ADDITIONAL EDUCATION**

#### **High-School (Bagrut) Certificate (Majdal Shams, 2016)**

- Physics, Math, and English: 5 units
- Computer Science: 10 units

### **PROJECTS**

#### **- PowerStock – Electrical Supply Management System (2024–2025)**

Role: Full-stack Developer

Tech: TypeScript, Python, MongoDB

Designed and launched a full-stack inventory system for a large electrical supply store. Reduced

manual tracking workload by 60% with real-time product updates for over 5000 items.

#### **- Portfolio Website (2025)**

Role: Frontend Developer

Tech: TypeScript, React, Tailwind CSS, Next.js

Developed and deployed a personal portfolio with GitHub integration, dark/light mode, and responsive design. Includes dynamic project previews and modals.

#### **- AI Code Reviewer (2025)**

Role: Full-stack Developer

Tech: Python, React, GitHub API, OpenAI

Built an AI-driven GitHub code reviewer that uses GPT to analyze repositories and generate intelligent feedback with smart diff comparisons.

#### **- Job Mail Tracker (2025)**

Role: Backend Engineer

Tech: Python, Streamlit, Pandas

Automated job email parsing and tracking in Excel with a web dashboard for filtering, viewing, and exporting application data.

- WorldAppTrivia (2025): Flutter mobile trivia game with category-based questions and scoring.

- Court Reservation System (2024): Sports court booking platform with calendar integration and admin panel.

- Flower Store Management App (2023): Java desktop app for managing flower shop inventory and orders.

- Tetris Game (2016): C# game clone built from scratch demonstrating UI and logic flow.

### **WORK EXPERIENCE**

#### **Automation Technician (Golan Heights, Jan 2024 – Jun 2024)**

- Programmed, maintained, and optimized robotic systems using Assembly and Unitronics platforms
- Diagnosed and repaired electromechanical issues in automated lines, improving system uptime
- Gained early hands-on experience in low-level programming and real-time control systems