**TOMER NAYDNOV -** SOFTWARE ENGINEER

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**TECHNICAL SKILLS:**

* Git, GitHub
* SQL, data storage
* Backend integration
* IntelliJ IDEA, Eclipse
* OOP
* Algorithm Development
* Java
* Python
* C++, C#, C
* LLM Integration
* FastAPI, REST API
* Docker, Microservices

**PROJECTS:**

**License Plate Recognition (LPR) |** [**Repository: License Plate Recognition (LPR)**](https://github.com/tnaydnov/License_Plate_Recognition)

* Developed a machine learning-based microservices-based LPR system using YOLO for vehicle and plate detection, and OCR for character recognition.
* Designed and deployed Dockerized services communicating via Redis queues, with a FastAPI backend for processing.
* Skills: Computer vision (YOLO), OCR, object detection, Docker, Redis, Python, real-time processing.

**Set Card Game |** [**Repository: Set Card Game**](https://github.com/tnaydnov/Set_Card_Game)

* Developed a multithreaded version of the "Set" card game in Java, simulating dealer and player interactions.
* Skills: Thread synchronization, unit testing.

**Trading System |** [**Repository: Trading System**](https://github.com/tnaydnov/Trading_System)

* Developed a scalable trading platform supporting configuration management and collaborative user environments.
* Skills: System architecture, database integration, team collaboration using Git, full stack development

**EDUCATION:**

**BSc in Software Engineering** | Ben-Gurion University of the Negev | 2021–2025

* Advanced Algorithms, Object-Oriented Programming, Database Systems

**WORK EXPERIENCE:**

**Programming Instructor & Content Developer** | Nitzanim (Youth Programming Initiative) | 2023–Present

* Trained over 250 students in Python programming, preparing them for elite technological units in the IDF.
* Developed and adapted engaging lesson plans & syllabus focused on algorithmic thinking and problem-solving.

**High School Computer Science Teacher** | Leyman High School | 2024

* Taught Java programming concepts such as recursion, data structures, and object-oriented programming (OOP).
* Prepared over 50 students for national Bagrut exams.

**Help Desk Technician** | Israel Electric Corporation | 2021-2022

* Delivered Tier 2 technical support for over 1,000 employees, resolving complex issues involving Active Directory, Citrix, and network troubleshooting.
* Enhanced system performance by optimizing remote connection configurations and reducing ticket resolution times.

**Help Desk Technician** | C4I Corps, IDF | 2020–2021

* Supported hardware, software, and networking issues for over 2,000 personnel, maintaining seamless operational continuity.
* Managed Active Directory accounts to ensure secure access controls across systems.

**ACHIEVEMENTS:**

**Siraj Scholarship Program** | Ben-Gurion University of the Negev | 2023

* Mentored underrepresented students, helping them excel in Software Engineering coursework.

**MILITARY SERVICE:**

**Combat Soldier** | Combat Intelligence Collection Corps, IDF | 2019

* Conducted intelligence-gathering missions, supporting critical military operations.