TOMER NAYDNOV - SOFTWARE ENGINEER

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LinkedIn: linkedin.com/in/tomer-naydnov | **Portfolio**: portfolio-tomer-naydnov.vercel.app

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

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EDUCATION:

BSc in Software Engineering | Ben-Gurion University of the Negev | 2021–2025
- Advanced Algorithms, Object-Oriented Programming, Database Systems

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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.