Elisheva Tufik - Software developer

Creative and skilled developer with strong technical abilities and excellent interpersonal skills. Organized, responsible, and thrives under pressure. Quick learner with a passion for challenges and a deep love for the profession.

eli72fik@gmail.com

058-3237567

GitHub Profile

Languages: Hebrew | Native. **English** | Fluent.

Work Experience:

2024-2025 | AI model Development | Sheba - Tel Hashomer Medical Center, Cardiology AI Lab.

- Developed a deep learning model in Python to detect pacemakers from ECG signals
- Performed model training, testing and validation processes
- Utilized libraries such as Pandas, NumPy, PyTorch, TensorFlow, Imbalanced-learn, Scikit-learn, and more
- Addressed dataset imbalance challenges

I presented this project at the 72nd Annual Conference of the Israel Heart Society in May 2025

2023-2025 | Mentoring and giving classes for software development students.

Professional Experience:

LLM-Based Content Filtering Service

- Performed compliance checks, risk scoring, and detection of manipulative or policy-violating content
- Server side: NodeJS | Client side: React / TypeScript

Final Project in React: Design and Development of an Online Store Website

- Provided convenient management along with an enjoyable shopping experience
- Server side: NodeJS | Client side: React | Database: MongoDB

Development an e-commerce Website – Web API Development | .NET Core

- Server side: ASP.NET MVC | Client side: JavaScript | Database: SQL Server
- Used ADO.NET, DTO, and Dependency Injection

CLI Tool for File Packaging

- Developed a C# based tool for file packaging
- Supported command-line parameters, error handling, and log generation

---

Education:

2022–2024 | Degree in Software Engineering, certified by the Israeli Ministry of Labor (Mehat)

Participated in the Ultra Code excellence program by Kamatech in the field of AI. Achieved high GPA in both academic studies and the program.

2020–2022 | Accounting – Level 1 & 2

Technological certification from the Ministry of Economy and Industry.

Professional Training:

Data Science: Machine Learning, Deep Learning, Computer Vision
Programming Languages: C, C++, C#, Python, Java, .NET Core, SQL
Full-Stack Web Development: JavaScript, React, HTML5, CSS3, ASP.NET, Node.js
Additional Academic Courses: Algorithms, Data Structures, Graph Theory, Operating Systems, Systems Analysis, Cloud Computing (AWS), Object-Oriented Programming (OOP), Assembly, Computer Networks, Databases, Design Patterns, Unix, Version Control with Git
Mathematics: Linear Algebra, Discrete Mathematics, Calculus, Logic, Statistics and Probability