

# Sharon Pais

## Backend/Full-Stack Software Engineer

✉ mrsharonpais@gmail.com

☎ 0547976419

📍 Tel Aviv, Israel

🌐 <https://www.linkedin.com/in/sharon-pais/>

🔗 [github.com/mrshapron](https://github.com/mrshapron)

### 📄 PROFILE

Software Engineer with **4+ years of experience** specializing in scalable solutions, microservices architecture, and LLM model integration. Seeking a **full-time role** to contribute to innovative and efficient software development.

### 🎓 EDUCATION

#### BSc. Computer Science

The Academic College of Tel Aviv-Yaffo  
2021/10 – 2025/02

- Completed all coursework; currently finalizing degree project.
- **Developed 'Stepper'**, a Java-based project showcasing software architecture and development.
- Available on GitHub:  
[github.com/mrshapron/stepper](https://github.com/mrshapron/stepper) 📄

### 🧩 TECH STACK

ReactJS, NodeJS, TypeScript, RabbitMQ, Microsoft Azure, Nginx, ASP.NET(C#), Java, Python, SQL(MySQL ,PostgreSQL), NoSQL(MongoDB), HTML5/CSS, AWS Beanstalk, GIT ,MVC, WPF, Web APIs, Docker, Lambda, Jenkins, ElasticSearch, Kibana, Microservices

### 🌐 LANGUAGES

Hebrew ● ● ● ● ●

English ● ● ● ● ●

### 👛 PROFESSIONAL EXPERIENCE

#### Infotale 📄

Full Stack Software Engineer

2024/01 – present

- Designed and developed full-stack applications with **React.js**, **Node.js**, **MongoDB**, and **PostgreSQL** in a Docker-based environment.
- Designed and deployed scalable **microservices** on **Azure**, optimizing **RabbitMQ** consumption for high-performance processing.
- Implemented **authentication**, **authorization**, and Single Sign-On (**SSO**) to enhance security across services.

#### Pango Parking Ltd. 📄

Backend Software developer - Full Time

2020/02 – 2021/09

- Developed and optimized backend services for Pango Fast Parking, ensuring high availability and performance.
- Designed and deployed scalable **AWS**-based **microservices** using **.NET Core**, balancing high-rate **event handling** and user **scalability**.
- Optimized database performance and access using **Entity Framework**, improving query efficiency.
- Implemented **TDD**-based **microservices** architecture, utilizing **Dependency Injection**.
- Enhanced system monitoring and troubleshooting through **Kibana log** analysis queries.

#### Israeli Air Force - Flight Test Center (Manat)

Software Developer

2017/06 – 2020/02

- Developed software solutions to transform raw flight data into structured, analyzable formats, including Excel reports and MATLAB visualizations.
- Engineered user applications using **.NET** technologies (**C#**, WPF, WinForms, WebForms), optimizing performance and usability.
- Designed and implemented large-scale **SQL**-based data systems for efficient flight data management and analysis.

#### Educational Experience and Contributions

High School Teacher, Private Tutor

- Tutored high school students (4-5 units) in computer science, physics, and mathematics.
- Taught Python to junior high students for over a year.
- Mentored 12th graders in computer science projects, improving their problem-solving and programming skills.