

# Michael Soikis

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## **2022/5-Today Software Engineer, Solidus**

Python backend developer, using FastAPI and MongoDB

## **2021-2022 Backend Developer, OwnBackup**

Developing microservices in Python, using FastAPI and SQLAlchemy

## **2019-2021 Security Researcher, Imperva**

Researched attacks, analyzed big data, designed and developed detection and mitigation algorithms (in Python)

## **2015-2018 Penetration testing & Red team lead, Lotem, IDF**

Researched vulnerabilities and misconfigurations, conducted offensive operations and testing, applied evasion techniques. Developed offensive tools & capabilities (in C, Powershell and Python)

## **2011-2015 Cyber R&D projects manager, MAFAT, MoD**

Managed cyber security R&D projects (EDR systems, honeypots, forensics etc.). Initiated ideas and defined requirements

## **2005-2011 Risk assessment & security architect, Matsov, IDF**

Guided IT and C4I projects in aspects of cyber-security, security risks analysis, secure coding and secure development cycle

## **1999-2005 Project Manager, Lotem, IDF**

Wrote requirements specifications, approved reviews, technical papers and project milestones

## **1997-1998 Software Developer, Lotem, IDF**

Developed graphical application for testing of communication links and power calculations (in VB)

## **1991-1993 Software Developer, A.A.Peri Communications (before army service)**

Developed communication infrastructure between PC and AS/400 computers (in C++)

## **Education**

ME in System Engineering, Technion (2003-2005)

BSc in Electrical and Computer Engineering, Tel-Aviv University (1992-1996) (IDFs "Atuda" track)