Michael Ben-Nes

Mail: miki@epoch.co.il
Phone: +972-54-4848-113

Senior Software Architect with nearly 30 years of experience, specializing in micro-service development and system architecture for Fortune 100 companies, SMB, and startups.

Expert in Go, Python, JavaScript, and others, with extensive experience in PostgreSQL, GraphDB, Kafka, and cloud technologies.

Proven track record in designing, building and scaling Event-Driven systems while maintaining focus on simplicity, security, and performance. Strong advocate of software engineering principles like SOLID, DDD, and TDD.

Cypago
Cyber Security
2024-Current

Senior Software Architect
Cyber Governance, Risk Management, and Continuous Monitoring
- Led new architectural solutions to solve common problems related to data flow, efficiency, and agility.

SAP (Loyalsys)
Cyber Security
2022-2023

Senior Software Architect
Customer loyalty solutions for e-commerce
- Helped to support high-volume processing of 1B daily transactions using Micro-Services, queues, and GRPC. (Ceased when SAP relocated the entire division to Hungary).

NanoScent
IOT Sensors
2019-2021

Senior Software Architect
IOT device that "smells" odor. Like COVID-19, Pollution, etc
- Led IT infrastructure planning and scaling for 100K+ IoT devices, focusing on efficiency and cost optimization. (Ceased operations after NanoScent failed to achieve a stable chemical formulation for their core product).

Epoch Source
Outsourcing
2006-2023

Founder
Outsourcing firm delivering services to clients including the Israeli government, Fortune 100, SMB, and startups
- **Cisco** - Implemented a high-availability database solution, ensuring 99.99% uptime and seamless failover capabilities.
- **3M** - Developed database solutions to support their Electronic Monitoring Division's operations.
- **Alma Security** - Designed a scalable architecture handling 1TB of data per day focused on customer integration, telemetry data, efficient microservices, and database optimization.
- **Brainpop** - Led the development of a backend solution for their innovative geometry teaching tool.
- **Alon Cellular** - developed an autonomous data-scraping solution that replaced the tedious manual work of dozens of employees.
- **PawsTrail** - A browser extension that creates a personalized web experience by intelligently highlighting and ranking links based on user interests and behavior patterns.
- **GiveStream** - A web platform that converts supporters' everyday online shopping into automatic donations for nonprofits through partner retailers.

Canaan Surfing
ISP
1996-2005

Co-Founder & CTO
Founded an ISP that provided internet connectivity, web sites and email services to individuals and organizations
- Managed teams, integrated new technologies, and conducted technical evaluations of customer needs.