Michael Ben-Nes

Stack Developer

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in LinkedIn   GitHub   stackOverflow

¶ Intro

Stack developer and Internet entrepreneur with more than 20 years of experience in planning, developing and leading various software projects.

Worked with Fortune 100 corporations such as Cisco, 3M, DSP, and startups in fields such as insurance, cyber, social, travel-tech, and more.

Involved in open source projects: PHP, Flutter, Zend framework, Golang libs, PostgreSQL, and more.

👍 Why Me?

Started programing at the age of 9. It's what I do and what I love.

Value team work and an open-source attitude of knowledge sharing.

Experienced in frontend, backend, storage and other layers, while providing an architectural understanding of the whole picture.

Security, performance, durability, and cost effectiveness are always my top priorities.

⚒ Tech

Implementing patterns like singleton, facade, factory, composite, decorator, and more.

Algorithmic thinking style with an understanding of Big O notation and the implementation of divide-and-conquer recursions.

Build interfaces using REST, GRPC, and ZeroMQ

Build and deploy Docker on-cloud or on-premise using technology like Kubernetes.

☁ Code Philosophy

KISS
Even though simple is not easy, do your best...

SOLID
Golden rules of OO, increase flexibility and reduce technical debts

TDD
Avoid code corruption and provide peace of mind

Standards
Prefer common language and shared expectations

Patterns
Avoid reinventing common knowledge and prefer recognizable structure
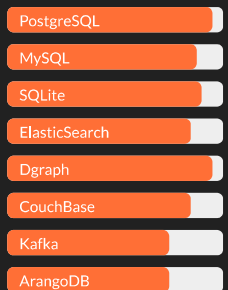
Stateless
Enhance simplicity and allow horizontal growth

Micro-Service
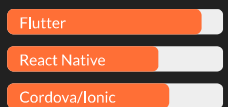Readable, extensible, replaceable and testable

Main Languages
- Go
- Python
- PHP
- Dart
- JS

DB
- PostgreSQL
- MySQL
- SQLite
- ElasticSearch
- Dgraph
- CouchBase
- Kafka
- ArangoDB

Mobile
- Flutter
- React Native
- Cordova/Ionic

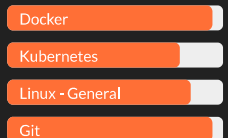### DevOps
- Docker
- Kubernetes
- Linux - General
- Git

📖 Experience

Senior Software Architect @ LoyalSys Ltd (SAP)

Jan 2022 ➡ Today

Loyalsys, part of SAP CX, develops an intelligent customer loyalty solutions for commerce, designed to be truly integrated with the Marketing Platforms data and capabilities.

My role is to compose the backend using Micro-Service architecture, queue methodology, GRPC and etc.

Senior Software Architect @ NanoScent Ltd

June 2019 ➡ Dec 2021

NanoScent, making scents readable. NanoScent developed a chip that allows electronic devices to "smell" odor. current example, COVID-19 Pandemic Screening.

My role is to plan, build and scale up of the IT requirements using modern tools while keeping it efficient, cost effective and simple.

Owner @ Epoch Source Ltd

Sep 2015 ➡ Today

Epoch Source serves as the legal framework for my entrepreneurship initiatives.

I carried out work for the Israeli government, corporate clients, and startups as well as personal projects.

Lead Developer @ Squircle Ltd

Feb 2010 ➡ April 2019

Established start-up that provides online platform and tools to kindergartens.

Responsible for team development and maintenance of digital assets and services.

Freelancer @ Epoch

Jan 2006 ➡ Sep 2015

Helped startups and business to achieve a durable and fast web solution on a Linux environment using open-source projects.

Co-Founder @ PawsTrail

April 2011 ➡ Oct 2014

Internet innovation that augments the web by highlighting links that the user would find most interesting. Based on an interest algorithm that processed visit history, trends and similar accounts.

Co-Founder @ GiveStream

April 2007 ➡ Oct 2014

GiveStream is a web-based platform developed to assist non-profit organizations to harness online purchasing and search power of their supporters to generate direct and guaranteed donations.

Co-Founder & CTO @ Canaan Surfing Ltd

October 1996 ➡ November 2005

An ISP that provided internet connectivity, web sites and email services to individuals and organizations.

Was responsible for the development of the server farm, web projects, and other emerging services.