

# Nikos Baxevanis

Software Developer/Architect, Sr

Forward-thinking developer/architect problem-solves and collaborates with clients and company personnel. 15+ years of experience across a broad range of technologies and sectors, with a strong interest in crafting high quality solutions, using functional programming, object-oriented design, and test-driven development.

## Work History

2021-07 -  
Current

### Product Developer, Sr

*Epicor, Austin, Remote*

- Establishing Epicor CPQ (formerly KBMax) backend migration from **Azure Service Fabric** to **Azure Kubernetes Service** (AKS).
- Increasing **Azure SQL Server** DB schema updates throughput to thousands of DBs concurrently.
- Managing new Epicor CPQ developer hires with their **onboarding process**, knowledge transfer, setup **Git/Bitbucket** group policies.

2014-06 -  
2021-06

### Core Developer

*KBMax, San Francisco, Remote*

- Wrote, modified and maintained software entirely on **Microsoft Azure**.
- Performed **unit testing**, system testing and integration testing.
- As an **early stage** employee, participated heavily in design development meetings with the **company founders**.
- Set up scripts, test case and **automation protocols** with **Azure DevOps/Pipelines**.
- Diagnosed and corrected errors within code to allow for **integration** with other platforms, including **MuleSoft** and **Salesforce**.
- Optimized **Azure SQL** schema update performance using **Azure Queues** and Azure Workers.
- Performed troubleshooting and diagnostics on **Azure Monitor/Application Insights** to uncover root malfunctions.
- Reviewed code on **Git** and debugged errors to improve performance.
- **Acquired by Epicor** on May 2021.

## Contact

### Address

Zlín

### Phone

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### E-mail

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### Twitter

nikosbaxevanis

## Skills

C#, F#, ASP.NET, Azure

Haskell, Property testing

Test-Driven Development

SOLID, OOD, Architecture

REST API, Web Services

Microservices, Monoliths

Docker, Git, Visual Studio

Sublime Text, Vim, Bash

Smart Contracts, Ethereum

Stacks, Fuzz testing, RPC

WPF, WCF, XAML, MEF

Dependency Injection,  
ORM

Dapper, Entity Framework

Redis, Elasticsearch, SQL  
Server

SQL Azure, Azure DevOps

Azure Pipelines, Azure  
Queues

2013-01 -  
2020-06

## Core Developer

*Cryptean, Grand Cayman, Remote*

- Designed and implemented **smart contract fuzzing** using **Haskell** QuickCheck, **F#** Hedgehog, and **TypeScript** fast-check.
- **Co-founded** Hedgehog, Haskell and F# testing tool that automatically generates test cases, detecting unexpected bugs.
- Hedgehog has been established in the **Ethereum** community (Echidna, IOHK, and others).
- Implemented **automated trading scripts** for centralized exchanges in Node.js (CCXT).
- Maintained **Bitcoin node** .NET client, BitcoinLib.

2009-01 -  
2012-05

## Co-founder and CTO

*BetKernel, Valletta, Remote*

- Co-founded BetKernel, ultimate new generation auto-betting platform with real-time analysis on experts' advices, statistics, market trends and last-minute news.
- BetKernel was acquired on May 2012.

2010-01 -  
2011-01

## Software Development Lead Architect

*European Union Minettas Insurance, Athens*

- Architected and implemented rewrite of existing IBM AS/400 infrastructure in Microsoft .NET Framework.

2005-06 -  
2009-01

## Software Development Lead

*Topologic, Athens*

- Implemented highly available fleet tracking systems in .NET
- Autodesk AutoCAD Map/Civil 3D integrations using Java Topology Suite via IKVM.NET.

## Education

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2002-09 -  
2005-06

## Bachelor of Science: Biomedical Engineering

*Technological Educational Institute - Athens*

- Developed a highly scalable, real-time, healthcare web application as graduation project.
- Presented in the Department of Medical Instruments of Technology at **Medic Expo 2009**.