

Papageorgiou Andreas

Supervisor / Senior Software Engineer .NET

Experienced .NET Software Supervisor and energetic Lead software developer with exceptional experience in developing hybrid microservices architectures as along on leading teams and exceeding expectations.

Bringing 6 years of expertise in .NET Framework as a backend developer for Fintech sector businesses, Foreign Exchange, Blockchain. Motivated on modern algorithms and system's architectures.

Work History

**2020-05 -
Current**

Supervisor - Lead .Net Software Engineer

ICMarkets FX, Limassol

- Applied strong leadership talents and problem-solving skills to maintain overseas teams in Cyprus and Dubai offices. Mentored hired employees on operating in software and business agile architecture with IDEs and UML Diagram flows.
- Agile Project management skills and software development projects with .NET on PaaS, SaaS and IaaS.
- Designed structured, well-organised , secured .NET microservices (+15) based on scalability, performance, multi threading, maintainability and OOP. Following ideologies of Clean Architecture, SEP, CQRS & Event Driven or Event sourcing patterns.
- All microservices on DDD, TDD, SOLID, API DD and design patterns with .NET Core 5+, WCF, AWS API Gateways, EF Core, Dapper, Hangfire, ADO.NET, AWS SDKs, Toolkits with Code deploy. Secure authorized applications with OAuth2, Microsoft Identity, AWS Cognito, CORS and IAM.
- Mainly with AWS - EC2, EKS, Cloudfront, Route53, S3, Secret Manager, KMS, Lambda, SQS, SNS, X-Ray.
- Systems developed : Trading Integration application for MT4, MT5, cTrader, TradingView, API Rest Integrations, BackOffice, Client Area, Partners Portal, Kafka & AWS SQS Message Buses, VPS Services, Salesforce CRM, DWH integration (..).
- Trading scripts and API Specialization on hubs, integration with XML and REST, OData8, web sockets, SignalR and protoBuffers. Synchronous HTTP communications and Asynchronous DDD.
- Monitoring dashboards as data analytics with PowerBI, Kibana, Grafana, Zabbix and Elasticsearch.

Contact

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LinkedIn

<https://www.linkedin.com/in/a-papageorgiou>

WWW

<https://andispapageo.github.io/port/>

Skills

Achievements: Project Management, Trading Platform Developer, Engineering software expertise

OS: Windows / Linux

Languages: C#, C++, Java, JS, Solidity, T-SQL, SQLite, My-SQL, PostgreSQL, SOSQL(SF).

Frameworks: .NET MVC 5, ASP.Net Core 2 - 7, EF Core, web3, Android.

Trading Platforms: Metatrader 4-5 (Manager, APIs), cTrader.

Cloud: Azure, AWS, ECS, EKS, Elastic Beanstalk, Docker.

Design: Micro services, Clean Architecture, DDD, TDD, API DD, Cross Platform.

Ids: VS 15-22, VSCode, ReSharper, micro C Pro, SSMS, Workbench & dBeaver.

Protocols: GRPC, JsonRPC, SOAP, REST, Kafka

- Languages: C#, C++, Java, JS, TS, PHPscripts, MQL, Apex, Bash.
- Db : DWH, TSQL, NoSQL, SoSQL, MySQL.
- Frameworks: .NET Core 3-7, .NET MVC 5 , WCF, WebAPI, EF Core
- Cloud: AWS (EC2,EKS, Beanstalk,Azure, Heroku)
- CI/CD: AWS Code deploy, Bamboo, Octopus, Jenkins, Github Workflows.

2018-02 -
2020-06

Senior .NET Software Developer, Full Stack

Pumapay, Limassol

- Block Chain based technology, developing crypto-currencies in Ethereum, Bitcoin and many other block chain networks with advance payment solutions and billing models with smart contracts.
- Development of administrator CRM with Angular/.NET Core. NET Core micro services for updating crypto wallets with real data watch lists and wallet's information.
- As also an android developer I had build a HD Multi Crypto Currency Wallet (Java Android) with my main responsibility with implementation of wallet.
- Led, built and owned backend services and infrastructure to power core blockchain-based products and crypto algorithms.
- Used .NET(C#) NodeJS, ORM and SQL/No-SQL to develop and manage databases
- Developed unit test cases for testing and automation. Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.
- Languages: C#, Java, JS, TS, Solidity, Bash.
- Db : PostgreSQL, MySQL.
- Frameworks: .NET Core 3, Web API, EF Core.
- Cloud: AWS, Firebase, Heroku, Google Play, AppStore
- CI/CD: AWS Code deploy, GitHub Workflows.

2016-10 -
2018-02

Android Developer C#

BlackBox Solutions LTD, LImaasol

- Blackbox-, Automotive Software Industry .Company based on developing on-board diagnostic soft wares/applications for Land/Range Rover.
- Role: Full stack Android C# Developer of OBD software with continuous communication with Bluetooth device.
- Advance application maintaining procedures within a

Version Controls: Github, Git Extensions, Beyond & Compare, Bitbucket, TortoiseGit, Gitbash.

CI-CD: AWS Code Deploy, Jenkins, Octopus, Bamboo

Languages

English

●●●●●
Excellent

Greek

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Excellent

multithreading, polymorphic (OOP) and encrypted environment with the design of Databases.

- Languages: C#, C, VB.
- Db : TSQL.
- Cloud: Google Play, App Store, Firebase, Heroku.
- Frameworks: Xamarin, Windows Forms, WPF, WebAPI, EF.

2016-04 -
2016-10

Art Worlds / Website Developer

Web, Limassol

- Planned website development, converting mockups into usable web presence with HTML, JavaScript, AJAX and JSON coding
- Designed, implemented and monitored web pages, plugins and functionality for continuous improvement
- Oversaw technical issues and troubleshooting requests to resolve user problems

Education

2012-09 -
2014-06

Master of Arts: Computer Engineering

LONDON METROPOLITAN UNIVERSITY - London

Electronic Composition Computer Science.

Completed/Received professional development thesis in M.D

Level of Qualification FHEQ / NQL Level7. Dissertation.

Tutors: L Jones, L Reilly.

2006-09 -
2011-12

BSc: Computer Science / Electronic Services

UNIVERSITY OF PIRAEUS - PIRAEUS

Digital Systems and Telecommunications. Grade 7, Design of dynamic information system e-commerce website for, line sales on music productions.

Thesis Programming Languages: PHP, HTML, CSS, C/C++

Programming Language. Grade 8

Accomplishments

- Trading Platform Integrations (Custom)
- CRMs / Salesforce Integrations
- App: Crypto Wallet: Android – PumaPay
<https://play.google.com/store/apps/details?id=com.pumapay.pumawallet>
- App:Rovacom IQ : Android - OBD BlackBox Solutions LTD
- Personal CMS enterprise websites .NET
- External administrator Panels .NET Core

Certifications

2022-09

IBM - Data Structures Algorithms with C++

2020-04

Udemy - Entity Framework in Depth

2019-07	Udemy - Rx.NET Mastering Reactive Extensions
2019-05	Udemy - C# Parallel Programming
2019-02	Udemy - C# Intermediate
2019-07	Udemy - Crypto Currencies Course. ETH/BTC
2018-04	Udemy - Complete ASP.NET MVC 5
2018-09	Udemy - Android Advance Dagger Java

Additional Information

References

Professor Lewis Jones - London Metropolitan University.
 Subject: Musical Intelligence.
 Contact: lewisjones@londonmet.ac.uk

Professor Adrianna Prentza – University of Piraeus.
 Subject: Software Engineering 8/10.
 Contact: aprencia@unipi.ge

Interests

Data Mining / Data Analysis / Data Science

Devops / Infrastructure as Code

Music, Football

Motivated to create music with friends and family. Enjoying playing and watching football with friends and family.