



# Aleksandar Tanevski

## Full-stack .NET / Angular 2+ Web Developer

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## Personal statement

I am 29 years old with over 6 years of working experience both in Angular Front-end and .NET Back-end development.

Through my work and college experience, I have worked on various technologies including:

- **.NET Core, ASP.NET MVC, ASP.NET WEB API 2, ASP.NET SignalR, Unit testing, Angular, TypeScript, Azure**, Redis, Linq, Entity Framework, JavaScript, JQuery, Bootstrap, AJAX, HTML5, CSS3 - **excellent knowledge**
- **Node.js, ReactJS**, Jenkins, Docker, SCSS - **working knowledge**
- Google gRPC, GraphQL, MongoDB, Python, SQL Stored Procedures - **basic knowledge**
- **API Integrations** - Google, Facebook, Vidyo.io, Skype Web SDK, Hubspot, Pipedrive, GoDaddy, Stripe
- **IDEs, Text Editors, Helpers** - Visual Studio, Visual Studio Code, Microsoft SQL Management Studio, ReSharper, Postman, PhoneGap
- **Project Tracking and other knowledge** - JIRA, Asana, Trello, Accelo, Slack, Git, VTFSS, Agile Scrum, Rapid Application Development methodology
- **Languages** - English C1

## Work experience

### Deltatre

March 2021 - Current

Remote from Skopje, Macedonia

#### Backend Software Engineer

- Web Development **.NET Core**
- Web Development **ASP.NET**
- Database **MongoDB**
- Dev-ops **Bamboo**
- Collaboration tools **Teams, Atlassian (Jira, Confluence, BitBucket)**

### Verivox

May 2020 - December 2020

Heidelberg, Germany

#### Software Engineer

- Web Development **.NET Core**
- Web Development **ASP.NET**
- Web Development **Node.js (express)**
- Unit testing - **NUnit, Moq, Jasmine, Karma, Jest**
- Front-end development **Angular 6+**
- Front-end development **ReactJS**
- Database **MSSQL**
- Dev-ops **Jenkins and Docker**
- Collaboration tools **Teams, Atlassian (Jira, Confluence, BitBucket)**

### Codeacademy.mk

December 2020 - May 2021

Skopje, Macedonia

#### .NET Development - Tutor (6h/weekly)

- Software Development **C#**
- Software Development **.NET Core**
- Front-end development **HTML, CSS, JS, JQuery**
- Database **MSSQL**

### Beelivio

Apr 2019 — Feb 2020

Skopje, North Macedonia

#### Team Lead / Senior Full-stack Web Developer

- Web Development **.NET Core**
- Web Development **ASP.NET**

- Caching **Redis**
- **Cordova** cross platform development, Typescript, CSS, HTML5
- Front-end development **Angular 6+**
- Dev-ops **Azure Devops, TFS**
- Research and development
- Authentication and Authorization using Google, OAuth2, JWT

## EclipseGroup.nl

Aug 2017 — Jan 2019

's-Hertogenbosch, Netherlands (1 year)

Skopje, Macedonia

Team Lead / Full-stack Web Developer / General Manager - Skopje

- Web Development **.NET Core**
- Web Development **ASP.NET**
- Web Development **ASP.NET SignalR**
- Front-end development **Angular 2+**
- Dev-ops **Azure Devops**
- Database **MSSQL**
- Caching **Redis**
- Research and development
- Multi tenant architecture (Azure db sharding, tenant isolation)
- Authentication and Authorization using Azure AD, Azure AD B2C, OpenID, JWT
- Custom DAL
- Datables.net, Custom Dashboards (chart.js)
- Custom on premises Live support application (Skype Web SDK, Vidyo.io, WebRTC)
- Quadient (GMC) integration
- Scrum master

## Piecode Development

Feb 2017 — Aug 2017

Skopje, Macedonia

Start-up owner and Professional Freelancer

- Start-up Offshore/Nearshore development services
- Managing team of 5 developers
- Back-end Development **ASP.NET**
- Back-end Development **ASP.NET** Web API 2
- Back-end Development **Azure** Service bus, Azure WebJobs
- Software architecture
- Software consultancy
- Front-end development Bootstrap, CSS 3, JQuery, Ajax, Mustache, Alpaca.js, TypeScript
- CRM and ERP API Integrations (Hubspot, PipeDrive, Salesforce), Database modeling and realization MSSQL

## ITCrowd.me

Feb 2016 — Nov 2016

Skopje, Macedonia

Full-stack Web Developer

- Development software and web solutions
- Back-end Development **ASP.NET** MVC with Entity Framework,
- Back-end Development **NodeJS(express), MongoDB**
- Front-end development Bootstrap, CSS 3, JQuery
- Cordova cross platform experience (Phonegap) JS, CSS, HTML5
- Developing RESTful APIs
- Database modeling and realization MSSQL
- Research and development
- Managing and tutoring interns
- Involved in designing software solutions
- Involved in designing on-boarding and recruitment processes

## Self-employed

Sep 2013 — Feb 2016

Skopje, Macedonia

Tutoring university students

- Computer Organization and Design (Computer Arithmetic, Error-detecting codes, MIPS)
- Logic boards (Logic gates, Flip Flops, Coders, Decoders, Multiplexers and its applications)
- Algorithms (Java Collection, Synchronizations, Basic algorithms (Bubble sort, Iterating arrays))
- Front end development (CSS, HTML5, JQuery, JavaScript)
- Object oriented programming (C++, Java, C#)
- Structured programming (C)

## Freelance

Jun 2015 — Feb 2016

Skopje, Macedonia

Freelancer

- Freelancing as a Front-end Developer where most of the projects were customizing websites.
- Responsive designs using Bootstrap and some JS/JQuery scripts, adding plugins, features and animations with JQuery and JQuery UI, AJAX async calls, CSS3.

## When I was much younger

Since 15 May 1992

Ohrid, Macedonia

### Enthusiast

- Installing operating systems (Windows 3, Linux, Windows 98, Windows XP, Windows Millennium, Windows Vista...)
- Setting up home networks (modems, switches, routers), RJ45 RJ11 cables
- (Hardware) Building custom desktop computers
- Programing simple console apps (C++, Basic, Pascal)
- Certifications for Basic, Windows administration, Microsoft Office, Adobe Photoshop, Corel Draw

## Projects

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### Deltatre

Graphics, Data, OTT and Live Broadcast Solutions

- Building Digital platforms
- Developing new micro services and connecting existing APIs for the platform
- [Deltatre Sports](#)

### Verivox.de

Multi-service comparison website

- Mein Konto - My account (section), Telco (DSL comparison)
- Working with the biggest multi-service comparison website in Germany
- Developing an integrated client portal to Verivox's complex infrastructure for business management
- Design and extension micro-services based web architecture with high-functional and high-performance features
- Integrating a variety of services for tracking purchase orders from companies like Deutsche Telekom, Vodafone, RWE, Uniper etc.
- Working with an agile environment

### Apave France - Internal Platform

Internal software solution

- Backoffice (CMS) - .NET
- Cordova Cross platform application - Windows APP (UWP) and Android
- SignalR for real time - synchronization
- Working as an outsourced engineer for Apave France - a risk control business that provides a range of technical and intellectual services in the areas of inspection
- Developing a Backoffice (CMS) with .NET
- Developing a Cordova cross-platform application for Windows APP (UWP) and Android
- Developing a file sync tool with SignalR for real-time - synchronization

### Ernst & Young Customer Communication Platform

Customer and consumer platforms

- Developing a customer & consumer communication platform for **Ernst & Young**
- Developing dashboards and admin back-office portal for managing content
- Developing interactive customer portal with custom designed customer journeys
- Developing a support portal including messaging, VOIP calls, Video chats, Conference calls
- Developing ASP.NET SignalR Custom API combined with Redis cache
- Database MSSQL modeling and realization
- Working on a multi-tenant architecture (Azure db sharding, tenant isolation)
- Authentication and Authorization using Azure AD, Azure AD B2C, OpenID, JWT
- Custom DAL
- Datatables.net, Custom Dashboards (chart.js)
- Quadient (GMC) integration
- Acting as a scrum master
- [YouTube presentation](#)

### SoPro.io

Lead Generation Portal

- Marketing intranet Web Application for company that works Lead generation.
- CRUD operations for campaigns, prospects, agents, user roles etc., where the accent, the complexity is on the User Experience, Database Modeling and Relationships, Data reports
- Real-time dashboards, calculating and exporting raw data to Excel, Pdf, Csv formats
- Used technologies **ASP.NET** MVC, Azure SQL, Azure, JavaScript, JQuery, MSSQL, AJAX, HTML

## GetItGone.co.uk

### Web portal

- Web solution for selling your car which connects with multiple selling dealers for best price.
- Used technologies **ASP.NET** MVC, **ASP.NET** Web API 2, Azure SQL, Azure, JavaScript, JQuery, MSSQL, AJAX, HTML

## Musicians portal

### Web portal

- Web solution for musicians. Undisclosed
- Project and Software Architecture, Database diagrams, Workflows
- Used technologies **ASP.NET** MVC, **ASP.NET** Web API 2, Azure SQL, Azure, JavaScript, JQuery, MSSQL, AJAX, HTML

## www.MediawireMobile.com

### Cross Platform Publishing

- Publish your own magazines, newspaper, or book conveniently online. MediaWire Solutions turns your unique image and branding into a marketable medium for your clients and customers. We give publishers a way to represent their brand and products, expand their media presence and generate dynamic information about visitors and customers with our Digital Publishing Software that generates native branded apps on iOS and android for Phones and Tablets.
- My objectives were mostly bug fixing, improvements and payment processors (Stripe API)
- Used technologies Node.JS (express), MongoDB

## UEFA Euro predictor

### Web Application

- Web Based Application for predicting UEFA Euro 2016 from Group Stage to Final match. The player(client) predicts and interactively choose the first 3 representations for each UEFA group. When he/she confirms the selection another screen appears to choose which 3rd placed representations proceed into elimination phase. The next screen is to choose the winner and enter predicted score for each bracket match. After the UEFA Euro Championship ended there was simple parser for the data which filtered the clients that predicted well.
- Used technologies **ASP.NET** MVC, MSSQL, Bootstrap, JQuery, JavaScript, HTML5, CSS3

## SOYAL and other RFID - Card readers

### WPF and Web

- Access control management system for Id card/tag readers. The solution is with multi-tier architecture where the base layer is the communication with the card readers via serial (rs-485) communication with custom DAL. The desktop application is only for controlling and programming the card readers.
- The other part of the project is presenting the data and generating reports which is via Web portal which communicates with the same database.
- Used technologies WPF, **ASP.NET** MVC, SQL, JavaScript, JQuery, MSSQL, HTML, CSS

## Company Product

### Web API

- The project is B2B platform which helps one business to order goods or services from other business. This solution automatizes the process with digital signing and archiving the documentation, also notifies the producer, the seller and the buyer about the order.
- Used technologies **ASP.NET** Web API 2 with Entity Framework, MSSQL

## play.Aktivomania.org

### Cross platform game

- Multiplayer Cross platform app with multiple 2D Games such as Quiz, Risk (board game) and interactive "restaurant-waiter" game with multiple characters and animations. Civic Education Game for USAID and IEFS
- Used technologies **ASP.NET SignalR** , Cordova (PhoneGap), JavaScript, HTML5, CSS 3

## Hackathon - Code Up Level Up

### Windows Phone app - Ordering food

- Team project - Windows Phone 7 application which allows the user to order food from restaurants with food delivery service in Skopje, Macedonia. After choosing a restaurant, the user makes order from the menu of the restaurant. The delivery location was provided by the GPS sensor of the device and the payment via credit card. Very similar to the existing 2019 Dominos application.

## Hackathon - CodeCamp

### Game engine

## Faculty of computer science and engineering

### Faculty projects and courses

- Web based systems (RDF, RDFS, OWL, Semantic Web)
  - Linked data - Java swing application that crawls medicines from Health Insurance Fund of Macedonia (Turtle format base) and compares prices from Europe of the same medicine.
- Java script
  - Simple family tree - Interactive template that allows user to generate family tree
- Visual programming C#
  - Simple image viewer using Windows Forms

- Advanced Programming - Java
- Python Programming
- Windows forms
- **ASP.NET**
- Advanced web development
  - JS, Bootstrap, CSS
  - Team project - Front-end for Cisco Macedonia website
- SQL Database
- CCNA - Cisco Certified Network Associate

## Education

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### Computer Science

2011 — Present

Faculty of Computer Science and Engineering

Bachelor of Engineering (Information Technologies)

### High School

2008 — 2011

St. Clement of Ohrid