

# Lionel Alangeh NGOBESING, Full Stack Software Engineer

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Software Engineer | C# .Net Full Stack Developer | MSSQL-MYSQL | Database | ERP

## PROFESSIONAL SUMMARY

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Dedicated software engineer with a passion for programming and technology with 3 years of professional experience in feature development, debugging and improving already existing systems for Business to Business (B2B), Business to Customer (B2C) platforms, Online Payment Systems and Warehouse Management Systems (WMS) applications. Comfortable using AngularJS, JQuery, AJAX, MSSQL, MYSQL, C# and REST API, LINQ, .NET, CSS, HTML and bootstrap. Confident in ability to adapt to new systems, programming languages, programming platforms and learn new technologies. Highly committed to continuous personal improvement and effectively impacting team success.

## AREAS OF EXPERTISE / SKILLS

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|----------------------------|--------------------------------|------------------------|
| ✓ Microservices / Monolith | ✓ React JS / Angular JS / Ajax | ✓ Git / Github / SVN   |
| ✓ C# / LINQ / MSSQL/ MYSQL | ✓ HTML5/ Bootstrap 5 / CSS 3   | ✓ GitLab               |
| ✓ ASP. NET Core Framework  | ✓ REST API / ERP Integration.  | ✓ CI/CD Pipelines      |
| ✓ .NET Azure Service       | ✓ Web Service Integration      | ✓ Docker / AWS Elastic |
| ✓ MVC/WPF/Blazor           | ✓ JSON/XML (Postman)           | Beanstalk              |
| ✓ Typescript / JS / JQuery | ✓ Debugging                    |                        |

## CAREER HIGHLIGHTS

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**Project Handling:** Successfully completed B2B and B2C projects leftover by the previous team lead for the company's Jordanian Clients.

**Architecture Transition:** Part of the team successful in transitioning from the company's monolith application to microservices.

**Foreign Projects:** Given my knowledge of multiple languages (English, French, Turkish), successfully implemented multiple languages on projects and helped company confidently acquire more foreign clients by working on the foreign projects.

**Receipt Printing System:** Developed the POS receipt printing system for the company for the TSPL/TSPL2 Thermal Printer. This is sold as a separate product by the company.

**Recruit Mentoring:** Improved company output and reducing cost of recruits by mentoring new recruits on company's developed application and used programming languages.

**Improved Dynamic:** Brought about an improved dynamic in the company's software developer's team by proposing methods for implementing team work and shared work load to improve company's productivity.

## PROJECTS

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### Lead Projects:

#### AeParts and JoPart with AutoExcellence (Jordan)

Business to Customer Project (B2C) for the automotive industry. Project provides an e-commerce platform for clients who wish to purchase auto-mobile parts. System consists of both salesmen and clients. Every salesman has different clients on the platform which he can control. Platform consist of Admins who have control over the whole system. The project consists of two sections, the B2B/B2C section and the Admin Section. The B2B/B2C section is used by the clients and salesmen while the Admin Section is used by the administrators. The project implements full time communication and messaging between the B2B system and the ERP system. Orders placed on the B2B system are written to the ERP system. Project implements a messaging/notification and mailing module through the use of a Job Scheduler to send information at specific times during the day. Projects implemented in multiple languages: English, French and Arabic.

Technologies used in this project include:

- .NET Framework MVC Razor.
- Backends: C#, MSSQL, LINQ, Stored procedures.
- Frontend: Angular JS, Ajax, JQuery, Bootstrap5, CSS3, HTML
- ERP Communication: Web service in XML/JSON.
- Project Management Tools: Trello/SVN/GitLab/AWS

B2B/B2C platform - <https://aeparts.jo/> , <https://jopart.com/>

## PROFESSIONAL EXPERIENCE

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**Full-Stack Developer, ERYAZ Bilgi Teknolojileri A. Ş, Istanbul/Turkey**

**March 2021 – Present**

*.NET full-stack software engineer developing new features for the ERYAZ B2B, B2C and WMS systems as well as debugging and fixing errors on the already existing features. ERYAZ applications create an online platform for buyers and sellers in the Automotive industry, where manufacturers as well as retail sellers of different manufacturing brands such as BOSCH can comfortably manage their sales, customers as well as products.*

#### ➤ TASKS

- Implementing new features using C#, AngularJS, JQuery, Ajax, HTML5, Bootstrap5, CSS.
- Database querying using MSSQL and MySQL queries, LINQ queries and implementation of Stored procedures.
- Implementing both WebForms and Razor pages with ASP .Net MVC model.
- Debugging for error and bug-fixes using Visual Studio tools as well as Google developer tools.
- Carrying out Web Service integrations, ERP synchronization and REST API implementation.
- Implementing microservice architecture on WMS project using Typescript, C# and LINQ.
- Working with Json and XML data, performing testing using Postman.
- Project management using the SVN distributed version control system.
- Implementing a POS printing system for printing receipts using the Thermal printer. Implementation using the TSPL/TSPL2 programming language.

- Project lead on projects for foreign clients, implementing multiple languages and multiple currencies in the projects.
- Solving real-time emergencies with clients through live customer software service support.

#### **Customer Service Support Engineer, IRS USA (Remote)**

**October 2020 – November 2020**

*Worked as customer service support engineer for the IRS, helping clients of TurboTax with their tax problems, helping them use the tax system and sell tax plans. Experienced first hand how to handle clients facing both technical as well as logical problems when using the CRM system. Helped clients understand the features of the different packages available to help better sales.*

- Providing hotline customer service support for TurboTax users.
- Help clients with problems using the TurboTax system.
- Live connect support.
- Used tools such as Slack and Salesforce.

#### **Junior Network Administrator, Leading Edge Technologies, Cameroon**

**August 2017 – January 2018**

*Worked full-time as a junior network administrator intern, performing software and hardware systems support as well as system maintenance.*

- Contributing to network configuration, design and automation.
- Implementing LAN and WAN networks using Raspberry Pi3 and Cisco routers
- Used network simulation tools such as PacketTracer 6 for simulating virtual LANs.
- IPv4, IPv6 network configuration.
- Performed daily system maintenance tasks to maintain healthy working of devices on local networks.

#### **Junior Systems Administrator, One-Stop Industrial Center, Cameroon**

**August 2016 – November 2016**

*Worked full-time as a junior systems administrator intern, performing daily systems maintenance.*

- Performing system maintenance through software installation and updates.
- Installing Operating systems on newly added computers.
- Performing customer service support to clients.

## **PERSONAL EXPERIENCE**

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- Practice on microservice implementation using C# and .NET Entity Framework and ReactJS.
- Developing basic online marketing system with basket logic using Typescript, ReactJS, Redux and Material design.
- Using Swagger for API testing and management. Connecting client and API sides using axios.
- Implementing authentication and authorization using .NET Identity and Json Web Tokens (JWTs).
- Implementing roles and CRUD operations.

## EDUCATION

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**Masters of Science (MSC) in Computer Engineering**, Gazi University, *Ankara/Turkey* | In progress.

- Mainly using Python programming language for data science.
- Implementing meta-heuristic algorithms for analyzing large sets of data using Python programming language.
- Final Project: A novel list-based simulated annealing and an improved artificial rabbit's optimization algorithm for identifying mutated cancer driver genes.

**Bachelors of Engineering (BEng) in Computer Engineering**, University of Buea, *Buea/Cameroon* | 2018.

- Specialty in Network Architecture and Network Programming.
- Final Project: Implementing a GIS system for Land allocation. Case Study: Cameroon.

## ACADEMIC PUBLICATIONS

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**Meaningful Infrastructures in Biological Networks: Related Studies, Algorithms and Evaluation Parameters** | *Preprints.org*, Received: 10 January 2022 / Approved: 12 January 2022

**Distributed File Systems: A Literature Review** | *Academia.edu*, 2020

**Document Summarization: A brief review. Big Data Mining** | *Academia.edu*, 2020

## ACCOMPLISHMENTS

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**YTB Academic Scholarship Award by Turkish YTB Association**, *Turkey* | 2019.

**Bafut Elite Association (BELA) Regional 1<sup>st</sup> Place Excellence Award by BELA Association**, *Cameroon* | 2014.

**Intelligentsia Brain Trust Excellence Award by Intelligentsia Corporation**, *Cameroon* | 2014.

## LANGUAGES

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|-----------------------|-----------|
| • English – Native    | ★ ★ ★ ★ ★ |
| • Turkish – Very good | ★ ★ ★ ★ ★ |
| • French – Good       | ★ ★ ★ ★ ☆ |
| • Spanish - Beginner  | ★ ★ ☆ ☆ ☆ |

## HOBBIES

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Technology, Learning Languages and Cultures, Music, Basketball, Cycling, Psychology.

## LINKS

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<http://ngobesinglionel.s3-website.eu-north-1.amazonaws.com/>

<https://github.com/Alangeh>

<https://gitlab.com/ngobesinglionel/>

<https://www.linkedin.com/in/lionel-ngobesing-alangeh-429611153/>

<https://pamirbilgisayar.academia.edu/LionelNgobesing>