Klea Turhani

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LinkedIn: [Klea Turhani](https://linkedin.com)

Gender: Female   **Nationality:** Albanian

ABOUT ME

Passionate about technology and software development, with a solid background in computer engineering and automation. Curious and motivated, I enjoy tackling new challenges and continuously learning. I am seeking opportunities to grow professionally and contribute my skills in a dynamic and innovative environment.

WORK EXPERIENCE

Graphite Albania SH.P.K

City: Tirane | **Country:** Albania

[11/03/2024 – Current]   **Software developer**

• Software development in Delphi for various applications, including industrial, management, and customized solutions across different sectors.

• Implementation of Clean Architecture and Clean Code to ensure scalable, modular, and easily maintainable software.

• ERP ↔ MES integration with bidirectional data flows.

• Digital signature automation with async flows (polling & callbacks).

• PLC programming and Industrial Automation, integrating software with hardware and control devices.

• Backend services with retry mechanisms, logging, Redis checkpoints

• Development of Desktop Applications, creating intuitive and high-performance user interfaces.

• Testing and Debugging, conducting unit and functional tests to ensure software quality and stability.

• Database Integration, working with SQLite and other data management systems to optimize performance.

• Collaboration with the development team and analyzing requirements.

• Programming in Adiuto by Bluenext, developing and customizing solutions for business process digitalization and automation using the Web Composer.

• Customization of Web Solutions, implementing tailored modules and functionalities to optimize workflow and document management.

• Collaboration with the Development Team, analyzing requirements and contributing to the design and implementation of new features.

VOLUNTEERING

[25/04/2021 – 26/04/2021]   **1. Technical Operator for the Use of the Electronic Voter Identification Device (PEI), Central Election Commission (KQZ)**

Tirana, Albania

Responsibilities:

Use of the Electronic Voter Identification Device (PEI) to verify voters' identities and ensure a smooth and regular voting process.

Activation and management of surveillance cameras in voting centers, in accordance with instructions provided by KQZ, to ensure the security of the electoral process.

Technical support during the election day, resolving any technical issues with the equipment and ensuring their proper functioning.

Participation in specific training provided by KQZ on the use of technologies employed in the voting process.

Civic contribution to ensuring the integrity and transparency of the electoral process.

Skills and Abilities:

Advanced knowledge of electronic devices and information technology.

Ability to work under pressure and quickly resolve technical issues.

Civic engagement in supporting the proper conduct of electoral operations.

[14/05/2023 – 15/05/2023]

2. Technical Operator for the Use of the Electronic Voter Identification Device (PEI), Central Election Commission (KQZ)

Tirana, Albania

Responsibilities:

Use of the Electronic Voter Identification Device (PEI) to verify voters' identities and ensure a smooth and regular voting process.

Activation and management of surveillance cameras in voting centers, in accordance with instructions provided by KQZ, to ensure the security of the electoral process.

Technical support during the election day, resolving any technical issues with the equipment and ensuring their proper functioning.

Participation in specific training provided by KQZ on the use of technologies employed in the voting process.

Civic contribution to ensuring the integrity and transparency of the electoral process.

Skills and Abilities:

Advanced knowledge of electronic devices and information technology.

Ability to work under pressure and quickly resolve technical issues.

Civic engagement in supporting the proper conduct of electoral operations.

EDUCATION AND TRAINING

[19/09/2019 – Current]

Bachelor's Degree in Computer and Automation Engineering

Polytechnic University of Marche

Address: Via Brecce Bianche, Ancona, Italy | | **Level in EQF:** EQF level 6

1. Programming and Software Development

- Development of applications in **Java, Python, Kotlin, PHP**
- **Use of frameworks like Laravel** for web development
- Creation of user interfaces with **Tkinter, Flutter**

2. Database and Data Management

- Design and implementation of relational databases in **MySQL**
- **Data management for business and enterprise applications**

3. Software Engineering

- Analysis and development of software for **order management in tech companies**
- **Application of structured software development methodologies**

4. Mobile & Web Development

- Design and development of mobile applications with **Android Studio (Kotlin, Flutter)**
- **Creation of dynamic websites with HTML5, CSS, PHP (Laravel)**

5. Automation and Control

- Basic knowledge of **control and industrial automation**
- **Fundamentals of PLC programming and embedded systems**

6. Relevant University Projects

- **Electoral Management** *(Java)*
- **Order Management System** *(Python with Tkinter)*
- **Database Management for Restaurants** *(MySQL)*

- **Web App for Student Rental Management** *(Laravel, HTML5, CSS, PHP)*
- **House of Tasty** *(Android Studio - Kotlin, Flutter)*
- **Olympic Club** *(Android Studio - Kotlin)*
- **Order Management in Smart Tech Company** *(Software Engineering Project)*

LANGUAGE SKILLS

Mother tongue(s): Albanian

Other language(s):

Italian

LISTENING C1 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

French

LISTENING B1 **READING** B1 **WRITING** A2

SPOKEN PRODUCTION A2 **SPOKEN INTERACTION** A2

English

LISTENING B2 **READING** B2 **WRITING** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

Spanish

LISTENING A2 **READING** A2 **WRITING** A1

SPOKEN PRODUCTION A1 **SPOKEN INTERACTION** A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Software Development and Programming

MVVM | Clean Architecture | Clean Code | Tkinter | Laravel | Delphi | Python | Java

Web and Mobile Development

HTML5 | JSON | Kotlin | Flutter | JavaScript | CSS3 | XML | PHP

Database and Data Management

MySQL | SSMS | SQLite

Automation and Control

PLC(Basic) | Automation systems

Tools and Technologies

Android Studio | PyCharm | IntelliJ IDEA | Apache NetBeans IDE | Github | Fork

CERTIFICATIONS

[16/01/2025 – 16/01/2025] **Certificate of attendance - Best pratices in cybersecurity and cyber-hygiene training**

- CRDF Global
- **Skills:** Sicurezza informatica

[04/01/2025 – 17/01/2025] **Introduction to AI and Machine Learning on Google Cloud**

- Google
- **Skills**: Machine Learning, Vertex AI, BigQuery ML

Link: https://www.cloudskillsboost.google/public_profiles/e62be0cb-5ef7-44de-9f35-8922bc04db5e/badges/13602877

[07/10/2024 – 10/10/2024] **Introduction to Generative AI**

- Google
- **Skills**: Copilot

Link: https://www.cloudskillsboost.google/public_profiles/e62be0cb-5ef7-44de-9f35-8922bc04db5e/badges/11896477?utm_medium=social&utm_source=linkedin&utm_campaign=ql-social-share

[13/11/2023 – 19/11/2023]　**Javascript Essentials 1**

- Cisco
- **Skills**: Comments, Conditional execution, Control flow, Data types, Debugging, Errors, Exceptions, Functions, Loops, Operators, Recursion, Type casting, User interaction, Variables

Link: https://www.credly.com/badges/6d0b7b7f-12d6-4d91-8283-7b9830da77b0

[19/02/2025 – 19/02/2025]　**Python Essentials 1**

- Cisco
- **Skills**: Algorithmic Thinking, Analytical Thinking, Basic Python Programming, Best Practices in Programming, Computer Programming, Design, Develop and Debug Scripts, Entry Level, Procedural Programming, Python

Link: https://www.credly.com/badges/7cdb293b-6824-47b2-98e6-025d3f13ae17

[20/02/2025 – 20/02/2025]　**Python Essentials 2**

- Cisco
- **Skills**: Classes, Exceptions, Generators, Inheritance, Iterators, Methods, Modules, Objected Oriented Programming, Objects, Packages, PIP, Polymorphism, Properties, Python

Link: https://www.credly.com/earner/earned/badge/f75f16a9-1f25-4b57-891b-21c52107cae2

[22/02/2025 – 22/02/2025]　**Introduction to Cybersecurity**

- Cisco
- **Skills**: Cyber Best Practices, Cybersecurity, Network Vulnerabilities, Privacy and data confidentiality, Threat detection

Link: https://www.credly.com/badges/983fdd1c-169d-425c-bc59-9f4689e7115c

[04/03/2025 – 05/03/2025]　**Computer Hardware Basics**

Cisco

Skills: Device Maintenance, Laptops, Mobile Devices, Personal Computers

[10/03/2025 – 10/03/2025]　**Introduction to Modern AI**

Cisco

Link: https://www.credly.com/badges/45c285a6-234c-4f9f-99ba-0ca9b893a860

[20/04/2025 – 20/04/2025]　**Artificial Intelligence Fundamentals**

Issued by: IBM SkillsBuild

Link: https://www.credly.com/badges/ec8d35d8-5f34-4e18-b057-af0334cb6750

[06/05/2025 – 06/05/2025]　**Operating System**

Cisco

Link: https://www.credly.com/badges/c2bcb8f2-2d21-4f03-b3b5-be70a96b5106