



Halil Sadiku

Date of birth: 20/07/1989 | **Nationality:** Albanian | **Gender:** Male |

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● WORK EXPERIENCE

26/03/2019 – CURRENT – Mitrovica, Kosovo

TEACHING ASSISTANT – UNIVERSITY OF MITROVICA "ISA BOLETINI"

- Object-Oriented Programming in C#
- Software Engineering
- Front End Web Development
- Operating Systems
- Microprocessors and Microcontroller I & II
- Electronic Components

26/11/2018 – 30/04/2019 – Prishtina, Kosovo

SENIOR DATABASE ADMINISTRATOR – KOSOVO PROSECUTORIAL COUNCIL

- Develops and implements new applications/modules, software systems, and/or upgrades existing application developed in .NET technologies.
- Performs daily operations of system development, maintenance, and administration, including software fixing bugs with priority, database administration functions, configuration, and customization of applications applicable to the prosecutorial system.
- Assists during the process of selecting and analyzing the workings of new systems or databases, redesigning, reducing data duplication, creation and integration issues.
- Adjust the system performance and the application security, eventual detects unauthorized access that is caused by these interferences in IT systems. Prepares system documentation, working guidelines, and standard operating procedures in close cooperation with other relevant stakeholders.
- Ensure that the test procedure for every system is well defined, documented and applicable. Test and maintain software products to ensure strong functionality and optimization.
- Analyzes and evaluates the regular work processes to be performed by systems and ensures that those procedures meet the requirements of KPK units. Recommend improvements to existing software programs as necessary.
- Performs web administration, deals with events, support, backups, and recover systems from any failure.

09/07/2012 – 24/11/2018 – Prishtina, Kosovo

SENIOR DATABASE ENGINEER – KOSOVO POLICE

- Developed and validated the implementation plan of information technology systems. Managed project implementation plan for all resources needed to support the implementation effort, such as software, hardware and personnel.
- Installed, tested and evaluated new versions of database systems or related database products. Created database objects and maintained their physical organization/relationships. Supported the data loads into the databases.
- Analyzed project requirements for new database functions, features or changes. Created and managed tables, views, stored procedures, functions, triggers, jobs and T-SQL statements.
- Created/Implemented database maintenance plan to ensure data integrity.
- Maintained database systems, data models and data dictionaries.
- Monitored, analyzed and tuned system performance to support current service levels and system capacity planning.

- Applied Database and security management best practices to improve the performance, reliability, and security of the company's databases environment.

01/11/2011 – 01/07/2012 – Mitrovica, Kosovo

INFORMATION TECHNOLOGY SPECIALIST – ELKOS GROUP

- Maintained existing software by fixing bugs and ensuring that the system is online daily.
- Updated and expanded existing applications developed as Windows form applications in C#.
- Maintained database system. Monitored, analyzed database transactions supporting data loads into the database.
- Trained staff with software and IT related equipment. Supported end-users with IT-related problems in a responsive and service-oriented manner.

01/04/2011 – 01/10/2011 – Prishtina, Kosovo

SOFTWARE DEVELOPER – CSE

- Developed software according to functional and technical design specifications.
- Created efficiently and reusable applications using any of ASP.NET, C#, XML, PHP and other languages as needed.
- Created intuitive, logical and dynamic user interfaces using HTML, CSS, JavaScript and AJAX.
- Designed and created databases, tables, views, stored procedures, T-SQL statements and user-defined functions in SQL Server 2005/2008.

● **EDUCATION AND TRAINING**

2019 – CURRENT – Tetovo, North Macedonia

PHD CANDIDATE – South East European University (SEEU)

Address Tetovo, North Macedonia | **Field of study** Computer Sciences

2011 – 2017 – Prishtina, Kosovo

MASTER OF SCIENCE – University of Prishtina, Faculty of Electrical and Computer Engineering

Address Prishtina, Kosovo | **Field of study** Computer Engineering |

Thesis Development of procedures for enhancement of security of information technology systems - Case study security of systems in Kosovo Police

2008 – 2011 – Prishtina, Kosovo

BACHELOR OF SCIENCE – University of Prishtina, Faculty of Electrical and Computer Engineering

Address Prishtina, Kosovo | **Field of study** Computer Engineering |

Thesis Development of e-voting application on iOS

2011

COMPTIA PROJECT+

2012

MICROSOFT OFFICIAL COURSES FOR SQL SERVER 2008 R2 DATABASE MANAGEMENT AND DEVELOPMENT

Course 2778: Writing Queries Using Microsoft SQL Server 2008 Transact-SQL Course 6232: Implementing a Microsoft SQL Server 2008 R2 Database Cactus Course 6231: Maintaining a Microsoft SQL Server 2008 R2 Database

2017

MICROSOFT OFFICIAL COURSES FOR SQL SERVER 2016 DATABASE MANAGEMENT AND DEVELOPMENT

Course 20761A: Querying Data with Transact-SQL Course 20762B: Developing SQL Databases Course 20764B: Administering a SQL Database Infrastructure Course 20765B: Provisioning SQL Databases Course 20767B: Implementing a SQL Data Warehouse Course 20768B: Developing SQL Data Models

● PUBLICATIONS

Using Record Level Encryption for Securing Information in Classified Information Systems

https://dergipark.org.tr/en/pub/nesciences/issue/37018/424677#article_cite - 2018

Blerim Rexha, Halil Sadiku, Bujar Krasniqi*, "Using Record Level Encryption for Securing Information in Classified Information Systems"

● PROJECTS

2011

E-voting – Kosovo case. Application development for e-voting in iOS for iPhone

2015

Advancement (upgrade) of the Management System Police Evidence

2016

Development and implementation of the project for Assets verification

2019

Development and implementation of the project for Human Resource Management.

● LANGUAGE SKILLS

Mother tongue(s): **ALBANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

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