



# ALEKSANDAR TRENCHEVSKI

Backend engineer



## Profile



15.01.1996



Skopje, North Macedonia



+389 70 363 910



[atrenchevski@gmail.com](mailto:atrenchevski@gmail.com)



<https://www.linkedin.com/in/aleksandar-trenchevski-593b45168/>



<https://trencho.github.io/>



## Certificates

**AI-Code Synthesis-Core Skills**

Encora

Issued Dec 2024

**Databricks Certified Data Engineer Associate**

Encora

Issued Feb 2025



## Education

**Master of Electrical Engineering and Information Technologies**

Thesis: "Design, implementation and assessment of a system for monitoring atmospheric impacts and predicting air pollution"

**Ss. Cyril and Methodius University of Skopje**

2018 - 2021

**Bachelor of Electrical Engineering and Information Technologies**

Thesis: "Web system for collecting and processing data for student services"

**Ss. Cyril and Methodius University of Skopje**

2014 - 2018



## About Me

Hardworking and detail-oriented software engineer with 7 years of experience in designing and implementing RESTful APIs, integrating third-party services, and ensuring adherence to coding standards. Proficient in containerization technologies, CI/CD pipelines, and version control systems. Possesses a strong background in software development, with a Master's degree in Electrical Engineering Technology.



## Work Experience

### JAVA SOFTWARE ENGINEER

**ENCORA INC. 14 MARCH 2023 – ONGOING**

**Skopje, Macedonia**

**CLIENT: BRANDWATCH**

**INDUSTRY: SOCIAL MEDIA**

Brandwatch Social Media Management – developed applications and services for the "Publish" module where you can plan, create, and distribute your content.

**TECHNOLOGIES:**

Java, Spring Boot, Spring JPA, Spring Security, PostgreSQL, Docker, Kubernetes

**BUILD TOOLS:**

Gradle, Maven

**VERSION CONTROL:**

Git

**PROJECT MANAGEMENT:**

Jira

**CLIENT: COX NETWORKS**

**INDUSTRY: TELECOMMUNICATIONS**

Telecom Middleware Applications – These applications are part of a set of applications and services used to receive, process, and provide information from a Mobile Network Operator.

**TECHNOLOGIES:**

Java, Spring Boot, JDBC, JAX-RS, OracleDB

**BUILD TOOLS:**

Gradle

**VERSION CONTROL:**

Git

**PROJECT MANAGEMENT:**

Jira



## Publications

Prediction of Air Pollution Concentration Using Weather Data and Regression Models

<http://dx.doi.org/10.25673/115729>



## Languages

English - Full Professional proficiency

Serbian - Professional working proficiency

German - Limited working proficiency



## Skills

### INDUSTRY KNOWLEDGE

Programming Web Development

Machine learning Game Development

DevOps Shell scripting

### PROGRAMMING LANGUAGES

Java Python

### WEB FRAMEWORKS

FastAPI Flask Spring

### DATABASES

MongoDB MySQL Oracle DB PostgreSQL

### DEVOPS

Docker Kubernetes Nginx

### TOOLS

Git GitHub GitHub Actions Gunicorn

Lombok Maven Postman Swagger

### DATA SCIENCE

Matplotlib NumPy Pandas Scikit-learn

### DATA ENGINEERING

Apache Spark Databricks

NETCETERA 01 DECEMBER 2021 - 14 MARCH 2023

Skopje, Macedonia

### INDUSTRY: BANKING

#### PROJECT DESCRIPTION

Supporting the development of 3DS Secure Digital Payments using Java Spring Framework. Managing customer requests and assisting in mitigating any reported incidents.

#### TECHNOLOGIES:

Java, Spring Boot, Spring Batch, Hibernate, Microsoft SQL Server

#### BUILD TOOLS:

Maven

#### VERSION CONTROL:

Git

#### PROJECT MANAGEMENT:

Jira

MEDICAL IT REVOLUTION 15 JULY 2018 - 01 DECEMBER 2021

Skopje, Macedonia

### INDUSTRY: MEDICAL

#### PROJECT DESCRIPTION

Developing a medical application for hospitals in the Netherlands to provide admission of patients and scheduling examinations based on the patients diagnose. Supporting client requests and providing optimal software solutions.

#### TECHNOLOGIES:

Java EE, JDBC, IBM Db2, JavaServer Pages

#### BUILD TOOLS:

Maven

#### VERSION CONTROL:

SVN

#### PROJECT MANAGEMENT:

Jira