ALEKSANDAR TRENCHEVSKI

Backend engineer

Profile

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🔗 https://trencho.github.io/

Certificates

AI-Code Synthesis-Core Skills
Encora
Issued Dec 2024

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 backend engineer with 6 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

SOFTWARE TOOLS AND TECHNOLOGIES

Docker   FastAPI   Flask   Git   GitHub

GitHub Actions   Gunicorn   JSON

Kubernetes Lombok Maven MongoDB

MySQL   NumPy   Oracle DB   Pandas

PostgreSQL   Postman   REST API

Scikit-learn   Spring   Swagger

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