

Virgil Baldovin

Software Engineer

I am an enthusiast goal-oriented Software Developer, seeking to find environments where I can apply my knowledge and skills for continuous improvement.



virgilbaldovin6@gmail.com

+40743459119

Bucharest, Romania

WORK EXPERIENCE

Full Stack Engineer

Inetum

10/2021 - Present

Bucharest

Software Development For Orange Services

Achievements/Tasks

- Development of several applications while maintaining a scalable architecture, using design patterns concepts.
- Integrated external web services, implementing API clients and both data refresh and data persistence work flows, as well as frontend tasks using Angular.
- Java SE 11, Spring, Hibernate, Kafka, Docker, PL/SQL, JUnit, Maven, Angular, Typescript, REST & SOAP, TeamCity, Rancher.

Java Developer

Computas Development Center

06/2021 - 10/2021

Bucharest

Software Development

Achievements/Tasks

- Application development for a client in the railway transport industry.
- Updated the old application plus other new features.
- Java EE 7, Hibernate, Jax-RS, WildFly, EJB, Jax-WS, JMS, Spring Boot, DB2, Linux.

Java Developer

Infosys Consulting

08/2020 - 06/2021

Bucharest

IT Consulting Services

Achievements/Tasks

- Rewriting an old SAP monolith for a big cosmetics company written in Visual Basic.
- Microservices development.
- Java 8, Spring, Hibernate, JUnit, GraphQL, SQL, GIT, API Management Platform(WSO2), Linux(CentOS/Ubuntu).

Junior Java Developer

Expleo

07/2018 - 08/2020

Bucharest

Automotive Industry

Achievements/Tasks

- Web applications that manage the experience and skills of employees, as well as the requirements of the projects.
- Chatbot application for internal use.
- Java 8, Spring, Hibernate, Oracle SQL, JavaScript, HTML, CSS, Python, Linux.

SKILLS

Java SE 8

Spring

Hibernate

Java EE 7

SQL(Oracle/MySQL)

Angular

Typescript

ES6

Apache Tomcat

Kafka

Docker

jQuery

AJAX

JUnit

Maven

Python

NoSQL(Mongo/Cassandra)

Machine Learning

C++

Linux

CSS

HTML

PERSONAL PROJECTS

Developer and Owner of www.apicrypto.com

- Downloadable cryptocurrency bulk data.
- The ZIP package is built using multiple threads in order to reduce the waiting time up to **60%**.
- Caching, async, thread pooling, scheduling, throttling mechanisms.
- Frontend built with Angular & Angular Material components.

Developer and Owner of www.apicrypto.io

- API for cryptocurrency related data.
- Subscription management with payment processor and scheduled jobs.
- Throttling and rate limiting mechanisms.
- Code reusability & AOP framework for post & pre-conditions.

Developer and Owner of www.meditatiianunturi.ro

- Free mentoring services promotion.
- Authentication, register, forgot password, personal dashboard.

Main Developer of www.blaturiunicat.ro

- E-commerce website.
- Personal dashboard where the user manages its products.

Self Driving Car, Bachelor's thesis

- Deep Learning and Image Processing using C++ and OpenCV as framework.
- Traffic signals recognition using convolutional neural network with cascade classifiers.
- The training dataset was compiled with a 8mpx camera, mounted on the car structure.
- The hardware includes a Raspberry Pi 3 for processing, and Arduino UNO for DC motors control, using a master-slave protocol.

Time series forecasting, Dissertation thesis

- Time-series forecasting algorithms. Long Short-Term Memory (LSTM), Recurrent Neural Networks, ARIMA, SARIMA.
- Sentiment analysis, feature extraction, model training and evaluation.
- Ensemble methods such as stacking and blending.
- Performance metrics, fine tuning.

EDUCATION

Master's Degree in Computer Science and Information Technology - Internet Systems Engineering

The Faculty of Automatic Control and Computer Science - University Politehnica of Bucharest

2020 - 2023

Bucharest

Bachelor's Degree in Electronics, Telecommunications and Information Technology - Applied Electronics

The Faculty of Electronics, Telecommunications and Information Technology - University Politehnica of Bucharest

2016 - 2020

Bucharest

High School

"Mihai Viteazul" National College

2012 - 2016

Bucharest

HOBBIES

Playing guitar

Hiking

Programming

LANGUAGES

English

Professional Working Proficiency

German

Elementary Proficiency

INTERESTS

Software Development