



Vlad Blaj

Details

Cluj-Napoca, 400610
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NATIONALITY

Romanian

DATE / PLACE OF BIRTH

06 May 1993

Brasov

Links

[LinkedIn](#)

[Github](#)

Skills

Interpersonal Communication

React

Java

Typescript

Spring

React Native

Python

Languages

English

German

Hobbies

Tennis, Gym Training

Profile

Experienced software developer eager to learn and put in practice all the newest technologies. Willing to train and gain further skills and qualifications. Able to meet deadlines, excellent planning skills and an effective time management. Confident in myself but always open to new ideas and suggestions.

Employment History

Junior Software Developer, .msg Systems, Cluj-Napoca

JULY 2014 – JULY 2017

Developed Java programs in the insurance industry using Java 8, Hibernate.

- Created Plugins using Liferay platform.
- Added Automated tests using Selenium.
- Performed data syncing between users in the Liferay environment using Javascript, AJAX and JQuery.

Software Developer, .msg Systems, Cluj-Napoca

JULY 2017 – AUGUST 2019

Web and Mobile Application used by Hilti's sales staff before, during and after customer visits to identify potential agreements and contact Hilti customers to evaluate and redefine existing agreements. Improved agreements process by creating and developing KPI's for different sales and prices.

- Hana Cloud Platform, Java 8, Spring Boot, Javascript, React, Apache Olingo, SAP HANA, Junit, Mockito, JIRA, Bamboo, Flyway, Swagger.

Full Stack Software Developer, Aera Technology, Cluj-Napoca

AUGUST 2019 – PRESENT

Aera is a Cognitive Operating System that connects you with your business and autonomously orchestrates your operations. It enables this by creating processes with drag and drop which transform to executable programs.

- Created a Scheduler capable of executing high amounts of tasks across multiple nodes spread across multiple time zones.
- Created a Java Profiler capable of analyzing and gathering data about Aera Processes.
- Spring, React, Spring Boot, React, Typescript, Redux, Apache Cassandra, Kafka, Redis, Quartz

Education

High School Diploma, Andrei Saguna College

AUGUST 2008 – JUNE 2012

Intensive Computer Science Mathematics Technology of communication and information

Bachelor Degree, Babes Bolyai University, Cluj-Napoca

OCTOBER 2021 – JULY 2015

Babes Bolyai University, Faculty of Mathematics and Computer Science English Specialization.

Thesis: Detecting Energy Leak Bugs in Android Applications.

I developed a program using Java 1.8 which will detect and signal the presence of no-sleep-energy-bugs. It is a static analysis of the source code of an android project.

- ANTLR 4.5, IntelliJ Plugin Development API, Java 1.8

Masters Degree, Babes Bolyai, Cluj-Napoca

OCTOBER 2015 – JULY 2017

Faculty of Mathematics and Computer Science Master: Specialization Software engineering.

Thesis: Improved "Detecting Energy Leak Bugs in Android Applications"

Internships

Intern, Neusoft EDC

JULY 2014 – AUGUST 2014

Android application to track and record different outdoor sports.

Courses

Pega Certified System Architect (CSA), Pega

JANUARY 2016 – APRIL 2016

Scrum Alliance Certified Scrum Master, Scrum Alliance

JULY 2017 – OCTOBER 2021

Technical Skills

2010 – PRESENT

- Java, Spring/ORM, Project Reactor, Hibernate
- React, React Native, TypeScript, Redux
- GraphQL, Heroku, Apache Spark, Kafka, RabbitMq, Jest, Docker, Elasticsearch, Reactive Programming, Kubernetes
- Python (Pandas, NumPy, TimeSeries and Matplot lib)
- Relational Databases and Non Relation Databases - MongoDB, Cassandra, MySQL, Redis

Personal Projects

Samson iOS YouTube App, Cluj-Napoca

2021 – 2021

React Native App in which the user is able to create custom YouTube Playlists. All playback functionalities are available plus the ability to view videos on YouTube using a picture-in-picture capabilities. The user is also capable of cropping videos and only replay certain parts of it.

Used: React Native, Expo, Animated View, React Native Router Flux, Redux, Native Base

Binance Trading Bot, Cluj-Napoca

2021 – 2021

Trading Bot capable of executing orders based on a given set of trading strategies. Created and used an API to communicate with Binance Platform in both Python and Java.

The user is able to do a backtest on different trading strategies and view all the executed trades on a OHLC candle chart developed in React.

Used: Python (Pandas, NumPy, TimeSeries and Matplot lib)