



## Details

### LOCATION

📍 Cluj-Napoca, Romania  
☎ +40 754 921 191  
✉ vlad.blaj@bitladssoftware.com

### NATIONALITY

Romanian

## Links

[Linkedin](#)  
[Github](#)  
[Bitlads Software](#)

## Skills

Java	6+ years
React	5+ years
Typescript	1 year
Spring Boot	5 years
React Native	2 years
Python	1 year
AWS	1+ years

## Languages

English	15+ years
German	3 years

## Courses

Pega - Pega Certified System Architect (CSA)

Scrum Alliance - Scrum Alliance Certified Scrum Master

# Vlad Blaj

Senior Full Stack Developer • Freelancer • Contractor •  
Founder of Bitlads Software

## About me

I am a Full Stack Developer with **6+ years of experience** eager to put in practice all the newest technologies, only interested in remote work. I have excellent planning skills, an effective time management system with which I am able to meet required deadlines. Confident in myself but always open to new ideas and suggestions.

## Employment History

### Senior Full Stack Developer at Aera Technology

ROMANIA 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 a drag and drop system which transform to executable programs.

- **Improved process throughput execution by 40%** by creating a Scheduler using Java and Quartz framework capable of executing high amounts of tasks across multiple nodes spread across multiple time zones.
- Built and designed a **React/Redux User Interface** capable of running different machine learning models.
- **Optimized process execution time by an average of 60%** by creating a Java Profiler with a React Front-End capable of analyzing and gathering data about different Aera Client Processes.

**Skills:** Java, React, Spring Boot, Spring, Typescript, Redux, Apache Cassandra, Kafka, Redis, Quartz, AWS, Microservices

### Full Stack Developer at .msg Systems

ROMANIA JULY 2017 — AUGUST 2019

Designed and developed a 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.

- **Increased KPIs target values by 30%** by creating a Java KPI aggregator tool for different sales and prices. Used different design patterns (e.g. Decorator, Strategy, Template, Builder, Observer).
- **Increased team productivity and overall new employees ramp up time** by being heavily involved in their training process and by taking the role of a scrum master.

**Skills:** Java, React, Spring Boot, Redux, Hana Cloud Platform, Apache Olingo, SAP HANA, Junit, Mockito, JIRA, Bamboo, Flyway, Swagger, Hibernate, Microservices

### Java Software Developer at .msg Systems

ROMANIA - JULY 2014 — JULY 2017

The client needed a tool to view filter and process candidates for different hiring positions. Previously Excel sheets were used to aggregate and process candidates. I developed and optimized a React Application which can process large number of candidates.

- Created a **React/Redux hiring platform** for new employees which increased the hiring speed process and the number of candidates which could be processed during a hiring period by 50%.

**Skills:** Java, Spring Boot, Hibernate, React, Liferay, Selenium, MySQL

## Personal Projects

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### Samson iOS YouTube App, Cluj-Napoca

ROMANIA JANUARY 2021 — JULY 2021

I Developed a 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**.

- Added previously inexistent functionalities like playing cropped videos.

**Skills:** React Native, Expo, Animated View, React Native Router Flux, Redux, Native Base

### Binance Trading Bot

ROMANIA SEPTEMBER 2020 — JUNE 2021

I created a Trading Bot capable of executing orders based on a given set of trading strategies. The bot would be connected to Binance API through websockets. The program is also able to backtest different strategies and estimate returns.

- **Created a 5% per week return** automated trade strategy.
- Added a React User Interface capable of displaying real time trading charts.

**Skills:** Python, React, Java (Pandas, NumPy, TimeSeries and Matplotlib)

## Education

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### Masters Degree, Babes Bolyai University

ROMANIA, CLUJ-NAPOCA, OCTOBER 2015 — JULY 2017

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

- Optimized and increased the code static analysis speed by more than 40%.

**Skills:** Java, ANTLR, MySql

### Bachelor Degree, Babes Bolyai University

ROMANIA CLUJ-NAPOCA, OCTOBER 2021 — JULY 2015

**Thesis:** Detecting Energy Leak Bugs in Android Applications.

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

- Reduced battery usage for different Android Applications by more than 15%.

**Skills:** Java, ANTLR 4.5, IntelliJ Plugin Development API