

# Valentin Stamate

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## Introduction

Experienced full-stack software developer with a strong focus on creating quality products. My curiosity and drive to learn have led me gain expertise also in ci/cd tools, docker and cloud technologies.

My philosophy is to be able to create products from developing, testing, deployment, and maintenance.

## Education

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| <b>MS</b> <b>Alexandru Ioan Cuza University</b> , Faculty of Computer Science<br>• <b>Coursework:</b> Advanced Methods in Software Engineering, Java Technologies, Architecture and Practical use of Cloud Services  | Romania, Iași<br>Oct. 2022 to June 2024  |
| <b>BS</b> <b>Alexandru Ioan Cuza University</b> , Faculty of Computer Science<br>• <b>Coursework:</b> Data Structures, Operating Systems, Object Oriented Programming, Algorithm Design, Genetic Algorithms, Computer Networks, Advanced Programming, Programming Engineering, Web Technologies, Neural Networks, Multiprocessor Programming Techniques, Cloud Computing | Romania, Iași<br>Oct. 2019 to June 2022  |
| <b>HS</b> <b>Nicolae Iorga High School</b> , Math and Computer Science   | Romania, Brăila<br>Sep. 2015 to May 2019 |

## Experience

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| <b>Bandwidth</b> , Software Developer<br>• improve existing <b>REST APIs</b> ensuring code readability and efficiency by using the <b>Spring Boot</b> framework and always strive for optimisation and best practices. During this time I also got the chance to learn more about <b>Maven</b> and <b>Gradle</b> as well as <b>Docker Compose</b> .<br>• deliver high quality ui interfaces using <b>Angular</b> and <b>React</b> frameworks.<br>• this experience had led me become a better software developer by always having new challenges and also had the chance to contribute with my own ideas and have ownership to the features I built.                               | Romania, Iași<br>Jan. 2023 to present<br>1 year 5 months |
| <b>Amazon</b> , Software Engineer, Intern<br>• during the internship project, I had the opportunity to learn and work with many <b>AWS</b> services including Lambda, EC2, Cloud Formation, Elastic Search, IAM, S3 and more. The project involved building a <b>REST API</b> with <b>Typescript</b> enabling customers to efficiently search their template images for banners. By completing the project ahead of the deadline, I could work on improving the customer platform, <b>Freeway</b> .<br>• my curiosity also led me have a deeper understanding of <b>Git</b> and how <b>NodeJs</b> works by having allocated learning time where we could explore anything we want. | Romania, Iași<br>July 2022 to Nov. 2022<br>4 months      |
| <b>Continental</b> , Software Developer, Intern<br>• using a <b>STM32</b> microcontroller with <b>C Embedded</b> , we developed a system for automatic brake detection for motorcycle. My role was creating the software behind it and develop a real time plot to help us see when the brake is detected.   | Romania, Iași<br>July 2022 to Nov. 2022<br>9 months      |

## Additional Experience

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### ASII, Volunteer

- volunteering helped me develop my social skills, technical abilities, and discover my passion for photography.
- I had the opportunity to take several initiatives, including developing the ASII Dashboard app, creating and managing the **GitHub Organization**, as well as architecting and integrating **GitHub Action** pipelines for a seamless release process.

Romania, Iași  
Oct. 2022 to present  
1 year 8 months

### Faculty of Computer Science, Teaching Assistant, Seasonal

- laboratories: Advanced Programming
- helped students understand various **Java** topics, including best practices, streams, JPA, Spring Boot, multithreading, and more.

Romania, Iași  
Feb. 2023 to present  
8 months

## Projects

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### ASII Dashboard

- multi-purpose platform that scans and sends tickets with QR code to participants of ASII events, enabling the organization team to track participants presence in real time. The platform also serves as an URL shortener to track the reach of links.
- used: **Angular, Express, Typescript, Python, MongoDB**

Dec. 2023 to present

### Academic Activity Dashboard [↗](#)

- application that helps centralizing the flow of data between professors, students and secretariat. It can export data inserted by students in csv format, send emails to users, generate daily activity paper for all coordinators, and have an easy way of managing the users with an admin panel.
- used: **Angular, Express, Typescript, PostgreSQL, Docker Compose**

Oct. 2021 to June 2022

### FIIMaterials [↗](#)

- web application popular among students with useful materials .
- used: **Angular**

Feb. 2020 to Feb 2024

### Sorting Algorithms Visualized [↗](#)

- desktop application made for education where the popular sorting algorithms can be visualised in real time.
- used: **Java, Processing**

Apr. 2019 to Aug. 2021

## Technologies

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**Languages:** Java, Typescript, Python, C/C++, SQL, HTML, CSS

**Frameworks:** Angular, React, Spring Boot, Express

**Databases:** PostgreSQL, MariaDB, MongoDB

**Tools:** AWS, Github Actions, Docker, Docker Compose, Git, Maven, Gradle

## Soft Skills

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Curious, Self Learner, Teamwork, Problem Solving

## Hobbies

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Astronomy, [Film Photography](#) [↗](#), Volunteering, Guitar