Vlad Luca **Spătaru**

SOFTWARE ENGINEER

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Summary

As a Software Engineer at TomTom, I specialize in back-end development, AI-driven tools, and system optimization. My work includes maintaining and improving large-scale infrastructure, developing automation solutions, and contributing to essential services for electric vehicles. Having studied Computer Science and Engineering at TU Delft, I have developed strong problem-solving skills and a solid technical foundation. With a passion for building efficient and scalable software, I am always eager to take on new challenges and contribute to impactful projects.

Work Experience

TomTom   *Amsterdam, Netherlands*
SOFTWARE ENGINEER   *September 2023 - Present*
- Maintained and developed the infrastructure of a complex project.
- Developed a company-wide LLM based tool automating and improving feedback ingestion.
- Maintained and developed a core company service utilized for electric vehicles.

Simavi   *Bucharest, Romania*
UNITY SUMMER INTERN   *June 2023 - August 2023*
- Bridged the gap between theoretical knowledge and practical use-case by contributing to a Unity project.

EyaSolutions   *Delft, Netherlands*
SOFTWARE ENGINEERING INTERN   *April 2021 - June 2021*
- Developed and maintained a User Interface of a web application.
- Contributed to the design of a computer vision application meant to work on an embedded device.

Skills

Programming	Java, Python, C, C++, JavaScript, Haskell, Scala
Databases	SQL (MySQL, PostgreSQL), NoSQL (MongoDB)
Other	Express, Git, REST API, React, React Native, Vue.js, TailwindCSS
Languages	Romanian, English, German

Education

TU Delft (Delft University of Technology)   *Delft, Netherlands*
BACHELOR IN COMPUTER SCIENCE AND ENGINEERING   *September 2019 - June 2024*

Vasile Alecsandri National College   *Galați, Romania*
HIGH SCHOOL: MATHEMATICS AND COMPUTER SCIENCE BILINGUAL PROFILE   *September 2015 - June 2019*

Personal Projects

Co-creator of a JavaScript Discord Bot
MAY 2022 - PRESENT
- Gained experience in developing in JavaScript and using JavaScript libraries
- Refactored and maintained the code to include slash commands shortly after the announcement
- Scope: Develop a custom Discord bot with the ability to scale on low-end hardware with high-demand services.

Portofolio Page

June 2023 - June 2023

- Developed presentation web page to concisely see an overview of my software engineering career.
- Put into practice React.JS, TailwindCSS, Node.JS and Express knowledge
- Scope: Showcase technical skills and web design abilities

Certificates & Competitions

Competitions

2016-19	**3rd Place**, Computer Science Olympiad County Phase	*Galați, Romania*
2015-18	**Finalist**, Info CNVA, Regional Programming Contest	*Galați, Romania*

Certificates

2018	**Proficiency Level (C2)**, Certificate of Proficiency in English, University of Cambridge	*Galați, Romania*
2019	**Intermediate Level (B1)**, Certificate of Language in German, Goethe Institute	*Iași, Romania*