

Bogdan Vasilescu

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SUMMARY

I am a sociable and cooperative person who enjoys working in team-driven environments. I believe that great results come from effective teamwork, open communication, and continuous learning. My experience has allowed me to work closely with others, solve complex challenges, and adapt to new situations efficiently. I also have a strong passion for learning new technologies and constantly improving my skills.

EMPLOYMENT HISTORY

Full-stack Developer, Digital Assets

Mar 2025 – May 2025

- Used tools: VSCode, WebStorm, Git, Postman
- Used frameworks: Next.js, React.js
- Tasks: Fixing bugs, Implementing Frontend Features, Developing the Backend, Management Database, Refactoring

NOC Engineer, Virtual Broadband Unit, DIGI Romania

Jun 2022 — September 2022

- Configured network equipment and implemented subnet solutions, working closely with team members to maintain efficient operations.
- Key tasks included troubleshooting MW and fiber optic network alarms, setting up ERPS protection, and managing E-LAN and V-LAN configurations.
- Construct and tested FMUX optical equipment, resolved DWDM and fiber optic alarms, optimized packet routes, and reconfigured gateways to improve traffic flow.

LANGUAGES

- English – Advanced
- Romanian – Native

RELEVANT SKILLS

- | | | |
|-------------------------------------|------------------------|----------------|
| • Object-oriented programming (OOP) | • SQL | • FLASK |
| • Design Patterns | • HTML & CSS | • MySQL |
| • Material View | • Tailwind CSS | • PostgreSQL |
| • Data Structures | • SASS | • MongoDB |
| • JavaScript | • Node.js | • Prisma |
| • TypeScript | • React.js | • Git & GitHub |
| • Java | • Next.js | • REST API |
| • Python | • Express.js | |
| | • Spring & Spring Boot | |

EDUCATION

Faculty of Automatic Control and Computer Science,

Master's Degree in Advanced Control and Real-Time Systems

Oct 2024 — Present

- Worked on fine-tuning NLP models using SQuAD and BERT to improve question-answer generation and text comprehension. These techniques were applied to make an intelligent chatbot that helps users understand and navigate a website's environment, providing accurate responses and handling complex interactions for a seamless user experience.

National University of Science and Technology POLITEHNICA,

Bachelor Degree in Electronics, Telecommunications and Information Technology

Oct 2019 — Oct 2024

- Developed strong skills in object-oriented programming, data structures, and algorithms, primarily using the C++ language.
- Bachelor's project: Created a custom online store platform using Flask, Python, React, JavaScript, CSS, HTML, MySQL, and Postman where users can browse products, place orders, and make secure payments via Stripe. The system includes order tracking, customer reviews, and inventory management, allowing employees to process orders and providers to manage products, ensuring a smooth shopping experience.

PERSONAL PROJECTS

- **FlickFinder - Full-Stack Application for a Customized Movie Search Platform**
(TypeScript, JavaScript, Next.js, SASS, CSS, HTML, Postman)

FlickFinder offers an intuitive platform for searching movies, series, and anime, with advanced filters and visual effects. It integrates with the open-source IMDb database, allowing users to navigate and find detailed information about their favorite titles. Source code: <https://github.com/bogdanishere/flickfinder-project>

- **SmartChatter - Full-Stack Application for AI-powered chatting**
(TypeScript, JavaScript, Next.js, TailwindCSS, CSS, HTML, Postman, Clerk, Prisma, PostgreSQL, OpenAI, Blob)

SmartChatter allows users to create and customize AI chatbots based on their own descriptions, making them reusable and accessible to others. Users can engage in conversations with these chatbots, while administrators can moderate content by managing and removing bots that violate guidelines. The platform also supports image storage, ensuring a seamless and engaging chat experience. Source code: <https://github.com/bogdanishere/SmartChatter>

- **Library Access Control System**
(Java, Spring, Spring boot, Postman, MySQL)

This application is a Spring Boot REST API to manage access control for buildings and book requests. Administrators can create buildings and add books, while users can register, log in, and request access to books. The application implements role-based functionality and logs all user actions for audit purposes. It leverages Spring Data JPA with MySQL and incorporates robust exception handling to ensure data integrity. Source code: <https://github.com/bogdanishere/library-management>