Bucharest, Romania

[Website](#) | [LinkedIn](#) | [Github](#)

Marius Daniel Vasilcanu
Full Stack Developer, Engineer

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Professional Experience

Web Developer (Full Stack)   **SavaBros (Direct Response SRL)**   **07.2022 - Present (3+ Years)**

- Developed and maintained responsive web applications using **HTML**, **CSS**, **JavaScript**, **PHP** (*Core & Laravel*), and **Bootstrap**.
- Leveraged **Laravel** for scalable web solutions, utilizing **middleware**, **routing**, and **Eloquent ORM**.
- Managed **server configurations**, **domain setups**, and **performance optimization** with **Cloudflare** and **Laravel Forge**
- Conducted **A/B testing** and **data analysis** with **Google Analytics 4** to improve user engagement.
- **Optimized website performance** through **caching**, **lazy loading**, and **script optimization**.
- Set up and managed **Cloudflare security and caching policies**.
- Implemented and integrated **REST APIs** for seamless system interactions.
- Utilized **BitBucket** for version control and collaborative development.
- Participated in **Agile** and **Scrum** methodologies for efficient project execution.

Junior QA Automation Engineer   **Luxoft Romania**   **09.2021 - 02.2022 (6 Months)**

- Developed and executed **automated tests** for **Palo Alto Networks' Next Generation Firewall**, focusing on features related to **data security**, such as **device quarantining**.
- Created and maintained **Python** scripts for **automating quality control tests**, ensuring high standards of firewall performance and reliability.
- Applied comprehensive networking knowledge to effectively test and **troubleshoot firewall functionalities**.
- Utilized version control systems, including **BitBucket**, to manage and track changes in test scripts and automation tools.

Academic Experience

Master's Degree   **Faculty of Cybernetics, Statistics and Economic Informatics**   **2022 - 2024**
Bucharest University of Economic Studies

- **Master of Science, Economic Informatics**

Bachelor's Degree   **Faculty of Electrical Engineering**   **2017 - 2021**
University Politehnica of Bucharest

- **Bachelor of Engineering, Applied Informatics; GPA:** 9.30/10, **Final Thesis:** 10/10

   Thesis: *Methods for Mitigating Attacks in Computer Networks*
   - Analyzed **vulnerabilities and threats in network architectures**, with a focus on **Layer 2** (*Data Link*) of the **OSI** model.
   - Simulated **Man-in-the-Middle** (*MITM*) attacks on LANs using **GNS3** and **Kali Linux**.
   - Implemented and tested **mitigation strategies** to **secure network communications**.

Projects

- [*The Wild Oasis Website*](#) - **Skills:** Next.js, React.js, Supabase
- [*The Wild Oasis Dashboard*](#) - **Skills:** React.js, React Router, Redux Toolkit, React Query, Supabase
- [*React 'n' Slice*](#) - **Skills:** React.js, React Router, Redux Toolkit
- [*WorldWise*](#) - **Skills:** React.js, React Router
- [*The React Quiz*](#) - **Skills:** React.js
- [*usePopcorn*](#) - **Skills:** React.js
- [*Guess My Number!*](#) - **Skills:** Javascript
- [*The Pig Game*](#) - **Skills:** Javascript
- [*Omnifood*](#) - **Skills:** Javascript

Technical Skills

- **Programming Languages**: Typescript/Javascript (*Next.js, React.js, Node.js, Express.js*), PHP (*Core, Laravel*), Java
- **Databases**: Relational (*MySQL, PostgreSQL, Supabase*), Non-Relational (*MongoDB*)
- **Cloud Technologies**: AWS (VPC, EC2, RDS, Amplify, Cognito, S3), Cloudflare
- **DevOps Technologies**: Docker, Laravel Forge, Gitlab CI/CD
- **Version Control**: GitLab, BitBucket, GitHub
- **Networking & Security**: CCNA (*1, 2, 3, Network Security*)
- **ITSM & Enterprise Tools:** ServiceNow
- **Project Managemenet Methodologies**: Agile, Scrum