MLADEN RAYKOV

PHP Developer | Full-stack Web Development Sofia, Bulgaria

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SUMMARY

Experienced PHP Developer with 5+ years of expertise in building scalable web applications and backend solutions. Specialized in Symfony framework and MySQL databases, with proven track record of optimizing system performance and enhancing user experience. Skilled in full-stack development from database design to frontend implementation, with strong focus on clean code architecture and OOP principles. Demonstrated ability to transform complex business requirements into robust applications while continuously expanding technical knowledge and contributing to team productivity through automation and code optimization.

SKILLS

- **Backend:** C/C++, PHP (OOP), MySQL, TypeScript, Node.js, Express.js, PostgreSQL, RESTful APIs, HTTP protocol

- **Frontend:** HTML/CSS, JavaScript (ES6+), Twig, Bootstrap

- **Tools:** Git, Mercurial, VMs, Symfony, Xcode

- **OS:** macOS, Linux, Windows

- **Concepts:** Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC)

EXPERIENCE

Developer / Freelance | Self-Employed   Sofia, Bulgaria *March 2025 - Present*

- Developed and launched BlockLang browser extension for Chrome, Firefox, and Safari, helping users filter unwanted language content from search results and improve their browsing experience.

- Built BlockLang Scam Scanner web application using TypeScript, Node.js, Express.js, and PostgreSQL for analyzing and detecting potentially malicious URLs with real-time security checks.

- Created body-language.org educational platform using PHP (Symfony 7.2), MySQL, and Doctrine ORM for learning body language and communication skills with interactive content.

- Managed full project lifecycle including architecture design, development, testing, deployment, and ongoing maintenance for multiple concurrent projects.

- Implemented advanced security features including API integrations, rate limiting, bot protection, and data encryption to ensure user privacy and system integrity.

- Designed and optimized database schemas for high-performance data retrieval and efficient storage across PostgreSQL and MySQL systems.

- Technologies: TypeScript, Node.js, Express.js, PHP, Symfony, PostgreSQL, MySQL, JavaScript, HTML/CSS, Git

PHP Developer | EKsoft Ltd   Sofia, Bulgaria *September 2022 – March 2025*

- Developed and enhanced various modules for a core PHP-based customer management system, improving functionalities and user satisfaction according to evolving client requirements.

- Designed and built a manager-oriented portal for comprehensive database reporting, including export options to Excel, CSV, and PDF files, empowering management with critical insights.

- Optimized existing codebase by applying Object-Oriented Programming (OOP) principles, significantly improving maintainability, scalability, and overall code quality.

- Identified, troubleshooted, and resolved complex code issues, ensuring the stability and reliability of the application.

- Optimized critical database queries, leading to tangible improvements in application load times and overall system efficiency.

- Developed custom tools to automate specific, repetitive tasks, streamlining workflows and enhancing team productivity.

- Actively participated in code reviews and comprehensive testing to ensure high software quality and adherence to best practices.

C/C++ Developer | Printec Bulgaria Ltd   Sofia, Bulgaria *April 2021 – August 2022*

- Developed and maintained software for POS (Point of Sale) terminals, ensuring reliable and secure transaction processing.

- Collaborated effectively with cross-functional teams to integrate third-party APIs, significantly enhancing product functionality and usability.

- Identified and resolved complex software issues, maintaining critical application performance and stability.

- Actively participated in the software certification process, ensuring compliance with industry standards and regulations.

- Developed specific tools to automate various development and testing tasks, improving team efficiency.

Software Developer | Behr-Hella Thermocontrol GmbH (BHTC)

Sofia, Bulgaria *January 2020 – April 2021*

- Developed and maintained application software components using **MATLAB** and **C**.

- Executed tasks within the V-model software development process, ensuring structured and systematic project progression.

- Contributed to code implementation and debugging efforts for software components.

PROJECTS

- **BlockLang Scam Checker** (Personal Project)

  - Built a web application for URL security analysis and scam detection using TypeScript, Node.js, Express.js, and PostgreSQL. Features include real-time URL scanning, threat intelligence integration, and user reporting system.

  - Try it: www.app.blocklang.org

- **BlockLang Browser Extension** (Personal Project)

  - Developed a cross-browser extension (Chrome, Firefox, Safari) to filter unwanted content and irrelevant language results from search engines, built with **JavaScript (ES6+), HTML5, CSS3**, and leveraging browser-specific APIs (Manifest V3, Web Extensions API).

  - See details and download: www.blocklang.org

- **Body-Language.org** (Personal Project)

  - Designed and developed an interactive web application serving as a comprehensive body language reference, built with **PHP (Symfony 7.2), MySQL, Doctrine ORM, Twig**, and featuring user roles, admin panel (EasyAdmin), and multilingual support.

  - Explore the project: www.body-language.org

EDUCATION

- **Master's degree in Communication Technologies** | Technical University of Varna | Varna, Bulgaria *September 1997 – May 2002*

- **Software Development Courses** | Software University Ltd | Sofia, Bulgaria *September 2017 – December 2020 - Key courses in C++, PHP, JavaScript.*