Reza Nozadi

Back-end Developer(PHP+Wordspress) & Pentester & python Developer

rezanozadii@gmail.com Tehran,Iran rezanozadi.ir

github.com/rezanozadii

SUMMARY

Backend & WordPress Developer with extensive experience in building and maintaining scalable web applications, **custom CMS** solutions, and high-performance **WordPress platforms**. Specialized in PHP backend development, custom WordPress **theme and plugin development**, and database design using **MySQL**. Experienced in developing websites and content management systems from the ground up, integrating APIs, optimizing performance, and implementing secure, maintainable architectures. Strong understanding of relational databases, backend best practices, and server-side application development.
Additionally, I have nearly **one year of hands-on experience in cybersecurity**, focusing on **Bug Bounty and Penetration Testing**. Experienced in assessing web application security, identifying vulnerabilities, and analyzing the underlying structure and security mechanisms of web applications. Strong familiarity with **OWASP principles and methodologies**, web application architecture, and common web security vulnerabilities, with practical experience working on a wide range of security targets.
Proficient in **Python** with hands-on experience in automation, scripting, and robotics education. Currently **teaching Python-based** robotics and mentoring students for international and world-level robotics competitions. Additionally experienced in **Prompt Engineering** and practical AI workflows, leveraging modern AI tools to improve productivity and software solutions.
Passionate about problem-solving, continuous learning, and delivering reliable, high-quality software products that create real business value.

PROFESSIONAL EXPERIENCE

Robotics Instructor / Top Iranian Schools 01/2020 – Present | Tehran,Iran

RoboCup & Robotics Programming Instructor

- Teach **Python and C++** programming for international **RoboCup** and robotics competitions.
- Train students from top Iranian schools to prepare for global robotics tournaments.
- Design lesson plans, coding exercises, and competition-focused robotics projects.
- **Mentor** student teams in robot **programming, debugging, strategy** design, and technical problem-solving.
- Served as a **judge, referee, and competition official** in national and international robotics competitions for several years.
- Held leadership and judging roles in the **FIRA Smart Home League**, including:
- **Co-Chair, FIRA Cup Iran 2026**
- **Co-Chair, FIRA Cup Canada 2026**
- **Referee, FIRA Cup Iran 2025**
- **Co-Chair, FIRA Cup Canada 2025**
- **Referee, FIRA Cup Iran 2024**
- Helped students achieve top international results, including:
- **1st Place, RCAP Abu Dhabi**
- **1st & 2nd Place, FIRA World Cup, South Korea**
- **1st & 2nd Place, FIRA World Cup, Brazil**
- **3rd Place, RCAP South Korea**
- **1st & 3rd Place, FIRA Air Iran 2026**

Python Developer & Robotics Programmer 12/2022 – 12/2023 | Tehran,Iran
- Developed and programmed a competition robot for the **IRIB "Golden Ball"** contest using **Python**.
- Designed and implemented robot control logic and operational workflows.
- Performed debugging, troubleshooting, and performance optimization to ensure system reliability.
- Tested, validated, and refined robotic functionalities throughout development and competition phases.
- Collaborated with technical team members to support successful robot deployment and operation.
- Improved system stability and efficiency by identifying and resolving software issues.

Dofamin Music Academy Website, *Full-Stack Web Developer* 07/2024 – 08/2024 | Karaj,Iran
- Designed and developed the official website for Dofamin Music Academy from scratch.
- Built a **custom CMS with a PHP**-based backend for managing website content.
- Implemented a modern, responsive, and user-friendly website design.
- Developed specialized music tools, including an **online metronome and tuner.**
- Delivered the full project lifecycle, from planning and UI design to backend development and deployment.
- Added unique features rarely seen in Iranian music education websites, improving user experience and functionality.

PolyShine website, *WordPress Web Developer* 03/2022 – 05/2022 | Tehran,Iran
- Designed and developed a corporate website for Poly Shine using **WordPress.**
- Created a **custom WordPress theme** tailored to the company's branding and business needs.
- Used and **configured WordPress plugins** to extend website functionality.
- Built a professional, responsive, and user-friendly company website.
- Customized website structure, pages, and visual elements to match the client's requirements.
- Delivered the project within a two-month development timeline.

Dofamin telegram bot, *PHP Developer* 07/2024 – 07/2024 | Karaj,Iran
- Developed a **custom Telegram bot** using **PHP** for Dofamin Music Academy.
- Integrated the **Telegram bot with the academy's website registration system.**
- Automated the transfer and processing of student registration data between the website and Telegram.
- Implemented real-time notifications and user interaction features through the Telegram platform.
- Designed and deployed the solution within a rapid two-day development cycle.
- Improved communication efficiency and streamlined the student enrollment process.

🎓 EDUCATION

BSc Industrial Engineering 09/2023 – Present | Tehran,Iran
Islamic Azad University, North Tehran Branch

SKILLS

Languages (**PHP(advanced),Wordpress(advanced),Python (Intermediate)**, **SQL, C++, Bash & LINUX**) | **Backend** (**PHP-laravel-Wordpress**) | **Databases** (**PostgreSQL, MySQL**) | **AI / ML** (**Prompt Engineering (Self-Taught)**) | **Penetration Testing** (**Web Application Penetration Testing • OWASP Top 10 • Web Security • Vulnerability Assessment • Burp Suite • API Security Testing • Authentication & Authorization Testing • SQL Injection • XSS • SSRF • IDOR / Access Control • Open Redirect • Security Misconfiguration**) | **Bug Bounty** (**Web Application Security • Vulnerability Discovery • OWASP Top 10 • Reconnaissance • Burp Suite • API Security Testing • Vulnerability Assessment**)

LANGUAGES

English: Professional working proficiency ,Persian: Native

CERTIFICATES

Robotics (**1st Place, RCAP Abu Dhabi • 1st & 2nd Place, FIRA World Cup, South Korea • 1st & 2nd Place, FIRA World Cup, Brazil • 3rd Place, RCAP South Korea**) | **TAKOPI HUNTING CLASS** (**Takopi Hunters Cybersecurity Training Course** 6-month intensive cybersecurity training program instructed by **Yashar Shahinzadeh**.)