

Job Opening: Backend & Firmware Developer at Raw Stadia

About Raw Stadia

Raw Stadia is a pioneering force in the Sports Tech and Data industry, headquartered in the vibrant city of Hasselt, Belgium. Since our inception in April 2019, we've been on a mission to revolutionize the way sports organizations assess playing surface conditions, thereby enhancing athlete performance and safety. Our cutting-edge software platform, complemented by sophisticated devices, has positioned us as a leader in providing actionable insights to elite sports teams across more than 20 countries. As we continue to grow and expand our technological horizons, we invite you to join us on this thrilling journey.

The Role

Raw Stadia is seeking a talented and passionate Backend & Firmware Developer to join our dynamic team. This unique position bridges the gap between software and hardware, offering an exciting opportunity to contribute to both our backend systems and firmware development. Based in the tech-friendly environment of Corda Campus in Hasselt, you will play a crucial role in developing and enhancing the technologies that drive our sports analytics platform.

Key Responsibilities

Backend Development

- Design robust REST APIs with high performance and scalability in mind
- Develop and maintain backend services using PHP, demonstrating in-depth knowledge of the Symfony framework
- Demonstrate hands-on experience in managing and optimizing MySQL databases
- Implement robust security measures to safeguard sensitive data and system integrity against potential threats.
- Actively participate in code reviews and maintain high standards for code quality
- Collaborate with front-end developers and project stakeholders to ensure seamless integration of backend services
- Lead initiatives to continuously improve our CI/CD processes, optimizing deployment strategies and tools to enhance development efficiency and reduce downtime.

Firmware Development

- Design, program, and optimize firmware for cutting-edge sports technology devices, focusing on microcontroller efficiencies.
- Collaborate with hardware engineers to define system architectures and integration solutions.
- Conduct comprehensive testing and debugging of firmware, prioritizing reliability and performance.
- Engage in the full firmware development lifecycle from design to deployment, ensuring alignment with backend systems.

What You Bring

- A Bachelor's or Master's degree in Computer Science, Electrical Engineering, or a related technical field.
- Extensive experience in backend development with a strong proficiency in PHP, particularly with Symfony and API Platform.
- Expertise in firmware development, with a solid foundation in programming languages suited for embedded systems such as C or C++.
- Familiarity with database technologies, preferably MySQL, and familiarity with advanced message queuing protocols (AMQP).
- Experience with test-driven development (TDD) and proven ability to implement effective testing strategies.
- Problem-solving abilities and a passion for innovation in sports technology.
- A collaborative mindset and proven ability to perform in a dynamic, fast-paced team environment.
- High level of English verbal and written, Other languages are welcome

What We Offer

- A front-row seat at one of the fastest-growing companies in the sports tech industry.
- The chance to work on projects that directly impact the performance and safety of athletes worldwide. See your ideas come to life
- A competitive salary package, including comprehensive fringe benefits.
- A flexible working environment that promotes work-life balance, creativity, and professional growth.

If you're driven by the challenge of developing technology that intersects software and hardware within the sports domain, we'd love to have you on our team. Embark on a journey with Raw Stadia, where your work not only contributes to our growth but also makes a significant impact on the sports world.

Please send your CV and motivation letter to hr@rawstadia.com. Join us in shaping the future of sports technology!