

## **Position: Senior PHP Developer / PHP Developer**

### **Location: Noida**

Million Sparks Foundation is a tech-led education initiative focused on Teacher Capacity Building and aims to empower one million teachers by 2020. We believe that the role of education is to ignite a fire in every child and teachers are the sparks who do that. ChalkLit - MSF's mobile and web application platform provides bite-sized curriculum-linked resources to help teachers build their knowledge, and also plan and execute high-quality lessons.

We are a young organisation with an entrepreneurial culture. Our team requires a diverse group of passionate, self-driven, caring individuals who would like to contribute to this mission.

[Google](#) and [Central Square Foundation](#) are supporting MSF through grants for its work.

### **Position Summary**

PHP Developer will be responsible for managing back-end services and the interchange of data between the server and the users. Your primary focus will be the development of all server-side logic, definition and maintenance of the central database, and ensuring high performance and responsiveness to requests from the front-end. You will also be responsible for integrating the front-end elements built by your co-workers into the application. Therefore, a basic understanding of front-end technologies is necessary as well.

### **Key Responsibilities**

Key responsibilities include, but are not limited to:

- Integration of user-facing elements developed by front-end developers
- Build efficient, testable, and reusable PHP modules
- Solve complex performance problems and architectural challenges
- Integration of data storage solutions
- Writing clean, fast PHP to a high standard, in a timely and scalable way
- Producing detailed specifications
- Troubleshooting, testing and maintaining the core product software and databases

### **Required Qualifications, Skills & Qualities**

- Previous working experience as a PHP / Laravel developer for 1-5 year(s)
- BTech/MTech degree in Computer Science or equivalent
- In depth knowledge of latest Laravel PHP Framework
- Hands on experience with SQL schema design, SOLID principles, REST API design
- Understanding the fully synchronous behavior of PHP
- Good knowledge of relational databases (preferably MySQL), version control tools and of developing web services
- Understanding of MVC design patterns
- Basic understanding of front-end technologies, such as JavaScript, HTML5, and CSS3
- Understanding accessibility and security compliance
- Strong knowledge of the common PHP or web server exploits and their solutions



- Understanding fundamental design principles behind a scalable application
- User authentication and authorization between multiple systems, servers, and environments
- Integration of multiple data sources and databases into one system
- Familiarity with limitations of PHP as a platform and its workarounds
- Creating database schemas that represent and support business processes
- Familiarity with SQL/NoSQL databases and their declarative query languages
- Passion for best design and coding practices and a desire to develop new bold ideas
- Experience in common third-party APIs (Google, Facebook, Ebay etc) integration.

### **How To Apply**

Brewing coffee is what excites us. If you know how to do it, we would love to meet you at our office in Noida. Even if coffee's not your-cup-of-tea, we would love to have you if you believe in our mission and want to contribute. Do drop in a few lines or buzz us telling more about yourself or something you want to know about us. Our coordinates are given below:

[hr@millionsparks.org](mailto:hr@millionsparks.org)

[www.millionsparks.org](http://www.millionsparks.org)

This Person will contribute to the delivery of Million Sparks Foundation' product suite, ensuring that quality and integrity of the product is maintained in all releases.