

# Ibrahim Ali Alhag

## Back-End Software Engineer

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## Skills

**Tech Stack:** php, Laravel, SQL, CI/CD Pipeline with Docker, GitHub Actions, DevOps, Livewire, Filament, Tailwind CSS 4, HTML/CSS, JavaScript, Alpine.js, Docker, Git.

**Technologies:** Cybersecurity Fundamentals, Docker, Postman, VueJS, Cloud Computing Platforms, RHCSA, Linux Server Administrator, Windows Server Administrator, MCSA Server 2012, Adobe Photoshop, Adobe illustrator

**Concepts:** API, Database Normalization, Agile Methodology, Cloud Computing, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, Compiler, Operating System, Virtual Memory

## Work Experience

### Sawaed Al Riyadh Ltd. Co | Mahasin Alsharq Logistics Back-End Developer

Jan 2020 – Present  
Riyadh, Saudi Arabia

- Developed and maintained full-stack Laravel applications, including a QR Code Platform and an Event Management System with real-time QR attendance, role-based access, and analytics dashboards.
- Built a warehouse stock management and branch ordering system, enabling real-time inventory tracking and efficient requisition workflows.
- Implemented Arabic RTL interfaces, optimized system performance, and improved database scalability.
- Managed cloud infrastructure, Docker-based deployments, and applied cybersecurity best practices.
- Tech Stack: PHP 8.4, Laravel 12, Livewire 3, Filament 4, MySQL, Tailwind CSS 4, Alpine.js, Docker, Git.

### Sudan Media Center

Aug 2019 – Nov 2019  
Khartoum, Sudan

#### Technical Support and Graphic Designer

- Installed, configured, and maintained computer systems and networks, resolving hardware issues and designing clear, balanced page layouts for optimal readability.

## Education

### Nile Valley University Bachelor of Information Technology

Jul 2011 – Sep 2015  
Atbara, Sudan

- Relevant Coursework:** Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Information Retrieval, Image Processing.

## Projects

### Dynamic QR Code Platform (QR Generator) Laravel, Filament, Tailwind CSS

Full-Stack Web App  
[URL: qr.sawaedalriyadh.com/](http://qr.sawaedalriyadh.com/)

- Developed a scalable QR code generation platform featuring dynamic content management, subscription-based monetization, and advanced analytics.
- Implemented user authentication, role-based access, and an admin dashboard with Filament for seamless content management.
- Built responsive UIs with social media links and real-time scan tracking with device and geographic insights.
- Tech Stack: Laravel 12, PHP 8.4, MySQL, Livewire 3, Tailwind CSS 4, Filament 4, Pest, Docker (Laravel Sail), Git

### Event Management System with QR Code Attendance Laravel, Livewire, Tailwind CSS

Full-Stack Web App  
[URL: events.arabdatahub.org](http://events.arabdatahub.org)

- Architected and developed a scalable event management platform featuring QR code attendance tracking.
- Role-based authentication, and automated email notifications with embedded QR codes.
- Designed a responsive Arabic RTL interface and implemented dynamic interactions using Livewire components and custom Laravel middleware.
- Tech Stack: PHP 8.4, Laravel 12, Livewire 3, MySQL, Tailwind CSS 4, Alpine.js, Docker (Laravel Sail), Git

## **Full Profile Website for Sawaed Al Riyadh**

*Laravel, API, jQuery, Bootstrap*

**URL:** [sawaedalriyadh.com](http://sawaedalriyadh.com)

- Designed and built the official website [sawaedalriyadh.com](http://sawaedalriyadh.com), delivering a responsive, user-friendly platform that highlights the company's services and experience.

## **Full Profile Website for Mahasin Al-Sharq**

*Laravel, API, Tailwindcss*

**URL:** [mahasinalsharq.com](http://mahasinalsharq.com)

- Created a professional, responsive website for Mahasin Al-Sharq, improving the company's online presence and service presentation.

## **Help Desk and Ticketing Software**

*Laravel, Vue.js, API, jQuery, Bootstrap*

- Integrated full Arabic language support, developed a real-time warehouse stock management module, implemented a branch user ordering system, and optimized system performance for efficiency and reliability.