

# MD OMIT HASAN PAVEL

Senior PHP DEVELOPER | Clean Coding, PHP,  
Laravel, MySQL, RESTAPI, Cloud Compute



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MD OMIT HASAN



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Savar, Dhaka, Bangladesh

## PROFESSIONAL SUMMARY

PHP Developer with over 5 years of professional experience and a tech background dating back to 2012. Currently a Senior Software Engineer at Be Data Solutions, leading the development of advanced healthcare solutions in collaboration with IBOX HEALTHCARE, a major UK healthcare provider. Specializes in Laravel, backend development, API integration, and cloud platforms like AWS and GCP. Strong expertise in building scalable, efficient, and feature-rich applications, particularly within the healthcare sector, leveraging robust software solutions to enhance processes and outcomes.

## PROGRAMMING SKILLS

- Programming Languages:** PHP, JavaScript, SQL
- Frameworks:** Laravel, CodeIgniter, Yii, Symfony
- Databases:** MySQL, PostgreSQL, MongoDB
- Cloud Platforms:** Amazon Web Services(AWS), , Azure, Google Cloud Platform (GCP)
- Version Control:** Version Control: Git
- CI/CD Tools:** Jenkins, Docker, Kubernetes
- Web Servers:** Apache, Nginx, LiteSpeed
- APIs:** RESTful, SOAP, GraphQL
- Frontend Technologies:** HTML5, CSS3, Bootstrap, jQuery
- APIs:** RESTful APIs, API Integration
- Project Management:** Agile, Scrum, JIRA
- Soft Skills:** Team Leadership, Problem-Solving, Communication
- Other:** Docker, Linux, Bash Scripting, Machine Learning Basics

## EXPERIENCE

### Senior Software Engineer

Be Data Solutions - Dhaka | February 2023 - Present

- Lead Developer:** Spearheaded the development of healthcare solutions for iBox Healthcare, utilized by five NHS Trust hospitals, enhancing patient care systems.
- Team Leadership:** Managed a team of 13 developers, providing technical guidance, conducting code reviews, and ensuring timely delivery of project milestones.
- PHP & Laravel Expertise:** Designed and developed scalable web applications using PHP and Laravel, improving patient data management and hospital workflows.
- Cloud Integration:** Implemented cloud infrastructure using AWS, resulting in a 25% improvement in deployment efficiency and reducing system downtime.
- API Development:** Engineered RESTful APIs for secure and efficient data exchange between hospital systems, ensuring compliance with healthcare regulations.
- Database Optimization:** Enhanced database performance by optimizing SQL queries, leading to a 30% reduction in page load times across critical applications.
- Docker Utilization:** Leveraged Docker for containerization, streamlining the development environment and enhancing cross-team collaboration.

## Senior Software Engineer

OXOUR TECHNOLOGY PVT LTD - KOLKATA | JULY 2022 - JANUARY 2023

- **Web Application Development:** Created custom web applications and backend systems for e-commerce platforms, contributing to a 20% increase in online sales.
- **Framework Migration:** Led the migration of legacy PHP applications to modern frameworks like Laravel and Symfony, reducing technical debt and improving maintainability.
- **Front-End Collaboration:** Worked closely with front-end developers to deliver responsive, user-friendly interfaces, using technologies like Bootstrap and jQuery.
- **CI/CD Implementation:** Automated testing and deployment processes using Jenkins, resulting in faster release cycles and improved code quality.
- **API Integration:** Integrated third-party APIs for payment gateways, social media, and CRM systems, enhancing the functionality of client websites.

## PHP Developer

Ayaan Tech Limited - GULSHAN 1, DHAKA | November 2021 - JUNE 2022

- **Website Development:** Developed and maintained dynamic websites and content management systems (CMS) for small to mid-sized businesses, improving their online presence.
- **API Integration:** Integrated third-party services like payment gateways and CRM systems into websites, providing clients with enhanced functionality and business capabilities.
- **Performance Optimization:** Conducted performance tuning and optimization of PHP applications, resulting in a 15% improvement in website responsiveness.
- **Content Management:** Oversee and implement content updates and modifications for client websites, ensuring that information is accurate and up-to-date.

## Junior PHP Developer

WOADI.COM - UTTARA, DHAKA | February 2021 - November 2022

- **Website Development:** Developed and maintained dynamic ecommerce websites and content management systems (CMS) for small to mid-sized businesses, improving their online presence.
- **API Integration:** Integrated third-party services like payment gateways and CRM systems into websites, providing clients with enhanced functionality and business capabilities.
- **Performance Optimization:** Conducted performance tuning and optimization of PHP applications, resulting in a 15% improvement in website responsiveness.
- **Content Management:** Managed content updates and modifications for client websites, ensuring accuracy and timeliness of information.

## Junior PHP Developer

ALL ICT SOLUTIONS - SAVAR, DHAKA | JULY 2019 - JANUARY 2021

- **Backend Development:** Took on complex development tasks, including backend functionalities and database integration, leveraging experience gained during internship.
- **Project Contribution:** Worked on larger projects, demonstrating enhanced PHP, MySQL, and web technology skills.
- **Collaboration:** Collaborated with senior developers to refine development processes and deliver high-quality web applications.

## INTERN

ALL ICT SOLUTIONS - SAVAR, DHAKA | APRIL 2019 - JUNE 2019

- **PHP Development Support:** Assisted in the development of web applications, focusing on backend functionalities and database integration.
- **Learning & Development:** Acquired hands-on experience in PHP, MySQL, and basic web technologies, contributing to small-scale projects under senior developer supervision.
- **Testing & Debugging:** Participated in testing and debugging processes to ensure web application functionality before deployment.
- **Documentation:** Assisted in creating documentation for development processes and application features, contributing to project organization and clarity.

## EDUCATION

### Bachelor of Science in Computer Science

City University - Dhaka | Graduated

### Diploma In Computer Science

Cox's Bazar Polytechnic Institute - Cox's Bazar

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## PROJECT HIGHLIGHTS

### iBox Healthcare

#### Acute health platform for real-time actionable insights, data driven decision making

- **Overview:** Led the development of a comprehensive healthcare management system for iBox Healthcare, currently in production and actively used across four NHS hospitals in the UK: Northampton General Hospital NHS Trust, Whittington Health NHS Trust, George Eliot Hospital, and Kettering General Hospital.
- **Key Contributions:**
  - Engineered secure and scalable web applications using PHP and Laravel, ensuring seamless integration with NHS data systems and enhancing patient care processes.
  - Developed RESTful APIs for real-time data exchange, maintaining compliance with stringent healthcare regulations and data protection standards.
  - Improved database performance by 30% through the optimization of SQL queries, significantly reducing page load times for critical healthcare applications.

### Pharmacy SS

#### SaaS-Based Pharmacy Solution

- **Overview:** Developed a robust SaaS-based pharmacy management software designed to streamline and manage all aspects of pharmacy operations, from medicine management to sales and accounts. The software facilitates efficient handling of low stock, purchases, supplier and manufacturer relations, and payment processes, enhancing the overall productivity of pharmacy businesses.
- **Key Contributions:**
  - Architected the core system using PHP and Laravel, enabling smooth integration with pharmacy inventory and sales systems.
  - Implemented features such as easy medicine search, invoice creation, and real-time stock management, leading to faster daily operations and improved accuracy in inventory tracking.
  - Deployed on AWS for high availability and scalability, resulting in a 20% increase in operational efficiency for client pharmacies.

### FlikCar

#### Car Buy/Sell Auction Platform

- **Overview:** Created the ultimate hub for buying, selling, and bidding on cars with FlikCar, an online platform designed to transform every transaction into a journey of excitement and satisfaction for users. The platform offers a seamless and engaging experience, whether customers are looking to buy, sell, or bid on vehicles.
- **Key Contributions:**
  - Developed the backend system using PHP and MySQL, handling complex auction logic and ensuring real-time bid updates to maintain a dynamic marketplace environment.
  - Integrated third-party payment gateways and APIs, providing secure and efficient transaction processes that enhance user confidence.
  - Optimized the platform's performance and user experience, leading to a 25% increase in user engagement and a significant reduction in page load times.

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## PROJECT HIGHLIGHTS

- REGULAR ATTENDEE OF PHP CONFERENCES AND WORKSHOPS TO STAY UPDATED WITH THE LATEST TRENDS AND TECHNOLOGIES IN WEB DEVELOPMENT.
- CONTRIBUTOR TO OPEN-SOURCE PROJECTS ON GITHUB, FOCUSING ON LARAVEL AND DOCKER-BASED TOOLS.

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## ADDITIONAL INFORMATION

- FLUENT IN **ENGLISH** HINDI AND BENGALI
- AVAILABLE FOR **RELOCATION** AND REMOTE WORK OPPORTUNITIES.

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