Mohammed Alama Senior Backend Engineer

✉ mohammedalama96@icloud.com 📞 +201222350524 📍 Nasr City, Cairo Egypt 🏳 Egyption

in https://www.linkedin.com/in/mohammed-alama/ ⭘ https://github.com/Mohammed-Alama

PROFILE

A passionate software craftsman who transforms complex challenges into elegant solutions through clean architecture and pristine code. My unwavering commitment to code quality isn't just a methodology—it's my professional signature.

I don't just write code; I architect scalable solutions with precision and purpose. Each line of code tells a story of clarity, efficiency, and architectural excellence, because exceptional software starts with exceptional standards.

Known for delivering robust systems through clean architecture and impeccable coding standards, I turn development challenges into opportunities. My dedication to modular design and best practices creates maintainable structures that teams love to work with and systems that stand the test of time.

When you choose me, you're choosing a developer who believes in doing things right the first time—no workarounds, no compromises, just clean, efficient, and future-proof solutions.

SKILLS

Clean Code **SOLID** **OOP** **Design Patterns** **DDD**

Modular Programming **MVC** **REST API** **LEMP** — Linux,Ngnix,MySQL,PHP

RDMS — MySQL,PostgressSQL,SQLite **NoSQL** — Redis,ElasticSearch

TDD — PHPUnit,Codeception, Behat **API Testing** — Robot Freamwork

PHP Freamworks — Laravel,Symfony,Yii,Zend **E-commerce Framworks** — Sprkyer

ORM — Elquount, Doctrine,Propel **CMS** — Drupal,Wordpress

Front End — HTML,CSS,JS **DevOps** — Docker,Azure CI/CD

PROFESSIONAL EXPERIENCE

Software Engineer Specialist   08/2024 – present
Link Development 🔗

- Design and implement high-quality software solutions that effectively meet business requirements, ensuring optimal performance, security, and scalability
- Take full ownership of development tasks from design to deployment, working independently while collaborating effectively with cross-functional teams
- Actively participate in agile ceremonies (planning, standups, retrospectives) and contribute to continuous process improvements for enhanced team efficiency
- Conduct thorough code reviews and implement best practices, sharing technical knowledge with team members through various channels
- Create accurate technical specifications and effort estimations while maintaining clear project roadmaps for successful delivery
- Apply SOLID principles, design patterns, and clean code practices while working with large codebases
- Demonstrate proficiency in DevOps practices and contribute to CI/CD pipeline implementation
- Mentor junior developers and provide technical guidance, fostering a culture of learning and growth

- Translate complex requirements into well-defined technical tasks through strong analytical and problem-solving skills
- Maintain effective communication with stakeholders at all levels while consistently delivering on commitments

Backend Engineer
.NFQ ☍

01/2022 – 07/2024
Cairo, Egypt

- Implemented nfq.com's global portfolio using a Headless CMS for enhanced flexibility and scalability.
- Actively participated in the Internship program, delivering a talk on Clean Code to educate and inspire aspiring developers.
- Developed and implemented API endpoints using Symfony API Platform, ensuring efficient and secure communication between different components of the platform.

Backend Engineer
Actindo ☍

02/2023 – 02/2024
Cairo, Egypt

- Writing and maintaining PHP code: Developed, tested, and deployed PHP code for Actindo's software applications.
- Collaboration with other developers: Worked closely with the development team to ensure seamless coordination and meet client requirements.
- Developing new features and modules: Designed and implemented new features and modules based on client feedback and requirements.
- Refactoring modules responsible for integrating with Salesforce Cloud Commerce and Adyan payment getaway
- Developed and maintained Actindo's DataHub Module, enabling efficient data integration, transformation, and synchronization processes.
- Built an archiving module using ElasticSearch: Collaborated with the team to design and develop an efficient module for archiving entities using ElasticSearch, ensuring scalability and performance.
- Implemented a queueing system for Actindo API endpoints: Developed a robust queueing system to handle incoming requests and enable comprehensive tracking and troubleshooting through effective logging.
- Collaborated with cross-functional teams to gather requirements, design and implement custom workflows, and provided technical expertise and support for workflow-related issues, ensuring smooth and optimized operations.

Backend Engineer
Spryker ☍

01/2022 – 12/2022
Cairo, Egypt

- Experienced in working with Spryker Architecture and applying Domain-Driven Design (DDD) principles across a wide range of +900 modules.
- Participate and apply Agile methodology with Team using Jira.
- Developed new modules focusing on enhancing security measures in Spryker Core Commerce.
- Implemented comprehensive tests using Codeception to ensure the quality and reliability of the platform's codebase.
- Used the Robot Framework to write API tests for the glue layer.
- Extensively applied Domain-Driven Design (DDD) principles to the architecture, ensuring cohesive and modular code structure.
- Implemented the Principle of Package Design to maintain high code quality and separation of concerns.
- Worked with Elasticsearch to optimize search queries and improve search performance.
- Worked with MySQL to design and maintain database schemas, write queries, and optimize database performance.
- Worked with Redis to implement caching strategies and improve overall platform performance.
- Used Docker for local development and deployment.

Backend Engineer
Core Experts Consulting ☍

09/2021 – 02/2022

- Collaborated closely with the Operating management team to identify and understand organizational needs, and designed effective solutions to align with the company's goals.
- Successfully integrated and worked with Oracle DB during the development process, ensuring seamless database functionality.

- Actively participated in team discussions to tackle complex scenarios and issues, leveraging collective expertise and finding optimal resolutions.
- Developed a new Dashboard utilizing Blade components and Metronic Admin Dashboard, resulting in an intuitive and visually appealing user interface.
- Implemented the Pipeline Design Pattern to efficiently manage filters on index pages, enhancing the performance and maintainability of the application.

Backend Engieeer 03/2020 – 08/2021
Fritill 🔗 Cairo, Egypt
- Oversaw back-end development using PHP to maintain website integrity, security, and efficiency.
- Collaborated with the marketing department to design and develop pages that meet organizational goals.
- Applied emerging technologies and trends to update and maintain site applicability.
- Implemented data synchronization between the application and ERPNext using a Restful API, ensuring seamless integration and data consistency.
- Developed a reservation system using Laravel with a focus on Test-Driven Development (TDD).
- Implemented authentication functionality using Passport for secure access.
- Created a dashboard using Laravel Nova for intuitive management.
- Integrated payment options with CowPay for Credit Card, Fawry, and CashOut.

Backend Engineer 02/2019 – 08/2019
Mspired
- Planned website development, converting mockups into usable web sites with HTML, JavaScript, CSS,AJAX and JSON.
- Provided website development using WordPress Themes
- Integrate Third-Party Services with WordPress Themes.
- Integrate Facebook ChatBot With Custom RestAPI Endpoints at WordPress Theme and ACF

LANGUAGES

Arabic ● ● ● ● ● English ● ● ● ○ ○

EDUCATION

Computer Science Bachelor 10/2014 – 08/2019
Modern Academy Maadi, Cairo