

# Amgad Galaom

TALL-Stack Developer

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## Professional summary

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Motivated and detail-oriented Junior Programmer with a Bachelor's degree in Computer Science and hands-on experience in full-stack web development using Tailwind, Alpine JS, Laravel, Livewire and MySQL. Skilled in object-oriented programming, algorithmic problem-solving, and database management. Strong foundation in software development principles and a commitment to continuous learning and professional growth. Seeking an opportunity to contribute to dynamic development teams and apply technical skills to real-world challenges.

## Projects

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### YemenIN – Social job platform with feed, jobs, and chat (Team Project)

- **Tech:** Livewire, Laravel, Alpine.js, Bootstrap and MySQL.
- Built the Laravel/MySQL backend and data model for posts, jobs, and chats; optimized key queries and added indexes to reduce page load times noticeably.
- Implemented real-time UI updates with Livewire + Alpine.js to enable instant post/comment reactions and live chat. Led integration of job postings into the main feed to increase discoverability and reduce navigation friction.

### CareerAI – AI career advisor prototype (7-day hackathon)

- **Tech:** Laravel, Livewire, Alpine.js, MySQL
- Implemented Backend systems + dynamic UI components. **Competed in Slam Hack 2025**, delivering a functional prototype in 7 days.

## Programming Certifications – Programming Advices

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- **C# & Database Connectivity (Dec 2025):**
  - Studied ADO.NET to connect C# applications with databases, execute queries, and manage data efficiently. Applied the 3-Tier Architecture concept in a practical project to structure solutions with clear separation of layers.
- **SQL (Projects & Practice) - Level 1 (Oct 2025):**
  - Completed a SQL course focused on real-world database scenarios, including query optimization, multi-table joins, and practical data manipulation. Strengthened hands-on skills in designing, testing, and refining SQL solutions for scalable applications.
- **OOP As It Should Be in C# (Sep 2025):**
  - Explored object-oriented programming principles through a modern C# lens, focusing on clean architecture, encapsulation, inheritance, and polymorphism. Gained practical experience in building maintainable and scalable applications using best practices in OOP design.

- **SQL & Databases - Level 1 (Aug 2025):**
  - Mastered fundamental database concepts and SQL syntax, gained proficiency in writing complex queries for data retrieval and manipulation, and developed skills in database design and management as a core foundation for data-driven application development.
- **C# - Level 1 (Jul 2025):**
  - Learned C# programming rules and professional basics, gained desktop app development skills using Windows Forms, and explored advanced programming concepts as a foundation for comprehensive technical solutions (for Web, Mobile, etc.).
- **Algorithms & Problem-Solving (Levels 2–5):**
  - Four certifications completed between 2024–2025 covering advanced data structures, system scalability, and optimization techniques.
- **Data Structures (Jun 2025):**
  - Mastered data structure concepts, applications, and programming patterns.
- **Advanced OOP Applications (May 2025):**
  - Applied OOP principles to real-world scenarios for robust software development.
- **Basic & Advanced OOP Concepts (Apr 2024):**
  - Advanced programming skills focusing on the basic & advanced concepts of object-oriented programming using C++.

## Web Development & Laravel

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- **Laravel Development – Wist Academy & Google DSC (2024-8):**
  - Built secure REST APIs, MVC architectures, and authentication systems.
- **Web Development Framework Application (Laravel) - Al-Razi University & IEEE (June 2023):**
  - Gained foundational understanding of Laravel's core concepts and practical workflow.

## Experience

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### AlRazi University - Part-time - 6 months

- **Programming Level 1 Lab Instructor**

Sep 2025 - Nov 2025 · 3 months - Sana'a, Yemen

Designed and implemented 11 practical labs that reinforce foundational programming concepts. My responsibilities included:

- Developing hands-on coding tasks covering variables.
- Creating clear, step-by-step lab instructions and starter code to guide students through problem-solving in C++.
- Testing and debugging lab materials to ensure accuracy and alignment with course objectives.
- Monitoring student progress and adapting lab complexity to match learning pace and curriculum goals.

- **Operating Systems Lab Instructor**

Jul 2025 - Sep 2025 · 3 months - Sana'a, Yemen

Delivered 11 practical lab sessions aligned with core OS concepts using Windows CMD, C# and Linux. My responsibilities included:

- Designing and grading lab assignments, exercises, and project-based evaluations.
- Managing the technical lab environment, including software tools and Linux-based systems.
- Providing mentorship and constructive feedback to students on their implementation and debugging techniques.
- Supporting students in understanding concurrency, memory management, and kernel-level programming.

Key projects supervised during the course included:

- Linux Kernel Modules: Writing code that interfaces directly with the kernel.
- CPU Scheduling Simulator: Implementing algorithms such as Round-Robin and analyzing performance.
- File System Design: Building a simplified disk-based file system to demonstrate storage management.

## Language

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**English Language Certification** – Canadian Center for Training & Capacity Development, Sana'a

- **Advanced Diploma** – 300 hours – Grade: 91% (Excellent) – Mar 2022
- **Intermediate Diploma** – 300 hours – Grade: 87% (Very Good) – Jan 2021
- **Fundamentals Starter Course** – 90 hours – Grade: 93% (Excellent) – Jan 2020

## Skills & abilities

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- Core: Laravel; Livewire; Alpine.js; Tailwind CSS; MySQL; C#; ADO.NET.
- Secondary: PHP; SQL; OOP design.
- Tools: Git; GitHub; Bootstrap; DaisyUI; VS Code.

## Education

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**Bachelor of Computer Science**, AL Razi, Sanaa, (2025,6)