

Amgad Galaom

TALL-Stack | Full-Stack Desktop Developer

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Objective

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

YemenIN – Backend Development (Team Project)

- A Platform with social media features and Job offers similar to LinkedIn as a beta simulation. The Platform provides modern UI/UX and Posting Posts with Comments and reactions, as well posting Job offers that has its own section tab that also appear in the Feed page of user to enhance the accessibility. In addition to Chats tab section used to communicate with both connections and Followers/ Followings. The Platform will be always under updates and features are on the way.
- **Tech:** Livewire, Laravel, Alpine.js and MySQL.
- **Key Contributions:** Built a Laravel/MySQL backend for a job platform with social media features, optimizing queries to reduce load times by 25%. Implemented real-time updates using Livewire + Alpine.js for seamless UX.

CareerAI – AI Career Advisor (Hackathon Project)

- A web platform using generative AI for career guidance. It checks and analysis the resume of the user to give a Report about the Resumes and makes a quick Questions session the is optionally by check to analyze the soft and technical skills.
- **Tech:** Laravel, Livewire, Alpine.js, MySQL
- **Key Contributions:** Backend systems + dynamic UI components. **Competed in Slam Hack 2025**, delivering a functional prototype in 7 days.

Programming Certifications – 🌐 Programming Advices

- **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

- **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

AlRazi University - Part-time - 6 months

- **Programming Level 1 Lab Instructor**

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

As a Lab Constructor for first-year university students in Programming Level 1 (C++), I design and implement practical lab exercises that reinforce foundational programming concepts. My responsibilities include:

- 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

As an Operating Systems Lab Instructor for undergraduate students, I delivered 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.

Skills & abilities

- **Technologies:** Laravel/PHP, Livewire, Alpine.js, MySQL, C++, HTML/CSS, Bootstrap and Tailwind.
- **Tools & Platforms:** Git, GitHub

Education

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

Language

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