

# MOHAMED SAYED

Software Development Engineer Intern Candidate

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## SUMMARY

Computer Science student at Benha University (GPA: 3.77) with strong foundations in **Data Structures, Algorithms (DSA), and Object-Oriented Design**. Competitive programmer with **1000+ problems solved** on LeetCode and Codeforces. Passionate about building **scalable back-end systems** and applying AI to solve complex engineering challenges. Proven ability to lead technical teams and deliver high-performance software solutions.

## EDUCATION

### Banha University (BFCAI)

Expected June 2027

*Bachelor of Science in Computer Science; GPA: 3.77/4.00*

– Relevant Coursework: Data Structures, Analysis of Algorithms, OOP, Database Systems, Operating Systems.

## TECHNICAL SKILLS

**Languages:** C++, Java, Python, SQL, PHP, JavaScript

**Technologies/Frameworks:** Laravel, Docker, Git, MySQL, Tailwind CSS, RESTful APIs

**Core Competencies:** Data Structures and Algorithms, Object-Oriented Programming (OOP), System Design, Scalability, Problem Solving

**Problem Solving:** Solved 1000+ algorithmic problems (Codeforces, LeetCode, HackerRank)

## PROJECTS

### HireMe – AI-Powered Job Board | *Laravel, Docker, OpenAI* | [\[View Code\]](#)

June 2025 – Aug 2025

- Architected a full-stack platform with an **AI-driven resume feedback system**, improving user engagement by 30%.
- Implemented **RBAC/OBAC** security models and automated notification systems using Laravel Queues.
- Containerized the application using **Docker** to ensure consistent development and deployment environments.

### High-Performance Food Order System | *PHP, MySQL* | [\[View Code\]](#)

Aug 2024 – Sept 2024

- Developed an order management engine handling **100+ concurrent transactions** daily.
- Optimized complex SQL queries, resulting in a **25% reduction in database latency** and improved system throughput.

### Library Management Engine | *Java, Swing* | [\[View Code\]](#)

Dec 2024

- Engineered a robust CRUD-based system to manage **1,000+** records with automated tracking.
- Reduced manual data-entry errors by **40%** through implementing strict input validation and automated due-date logic.

## LEADERSHIP & ACHIEVEMENTS

### ECPC (Egyptian Collegiate Programming Contest)

Aug 2025

*National Participant*

- Ranked in the **Top 10%** of participants by solving complex algorithmic challenges under strict time constraints.
- Demonstrated strong **Dive Deep** and **Bias for Action** principles while collaborating in a high-pressure environment.

### GDSC Bootcamp Winner

Jan 2024

*Team Lead*

- Led a cross-functional team of 4 to build a web application, securing **1st place out of 25 competing teams**.
- Applied **Customer Obsession** to implement features that increased usability ratings by 30%.

### Technical Judge (Volunteer)

Feb 2024

*Codeavour International*

- Evaluated the code quality and scalability of **25+ AI/ML projects**, providing technical mentorship to young developers.

## CERTIFICATIONS

- Database Level 1: SQL Concepts and Practice (2025)
- Laravel Framework Professional Certification - Udemy (2025)
- ECPC National Qualification (2025)