# CHAIMAE ZAKI
## Software & Web Developer

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🖥 https://zakichaimae-byte.github.io/MonPortfolio/

 github.com/zakichaimae-byte

(in) linkedin.com/in/chzaki/

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## EDUCATION

**Bachelor's Degree in Computer Application Development Engineering (IDAI)**
In progress

**DEUST in MIPC (Mathematics, Computer Science, Physics & Chemistry)**
2022 – 2025

**Baccalaureate in Physical Sciences**
2021 – 2022

## TECHNICAL SKILLS

- Object-Oriented Programming (Java, C++)
- Web Development (HTML, CSS, JavaScript, PHP, Laravel)
- Operating Systems (Unix/Linux)
- Computer Networks
- Information Systems & Databases (SQL, MySQL)
- UML Modeling

## SOFT SKILLS

- Adaptability
- Teamwork
- Discipline and rigor
- Creativity

## LANGUAGE

- Arabic — Native
- French — B2
- English — B1

## PROFILE

Computer Science student specializing in Computer Application Development (IDAI), passionate about software development and intelligent systems. Experienced in academic projects involving C++, web development, databases, and UML modeling. Serious, motivated, and eager to develop both technical and professional skills in real-world environments.

## PROJECTS

### C++ & Video Game Project (Raylib)

- Developed a 2D video game in C++ using the Raylib library
- Implemented event handling, collision detection, and animations using OOP principles
- Contributed to a Smart City project simulating intelligent traffic lights using sensors and decision-making logic

### Web Development Project

- Developed a web application using Laravel (PHP) and MySQL
- Managed booking, allocation, and tracking of data center resources
- Included user management and operations via a relational database

### Information System Design Project (UML & SQL)

Analyzed system requirements and designed information systems using UML diagrams (use case, class diagrams). Built and implemented relational databases in MySQL, including table design, relationships, and SQL queries. Applied these concepts to case studies such as banking systems and email management platforms

### Linux System & Network Administration

- Used Linux commands for system, file, and network management
- Designed and configured networks using Cisco Packet Tracer

## EXTRACURRICULAR ACTIVITIES

Engaged in multiple university clubs and tech communities, contributing to communication management, teamwork, and event coordination. Supported the organization of activities, facilitated information sharing among members, and participated in technical and collaborative projects.