

# Methodios Zacharioudakis

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

## Professional Summary

Highly motivated **Computer Science graduate** with a strong focus on **Backend Engineering** and scalable system design. Proven ability to develop robust, database-driven applications using **Java**, **Python**, and **SQL**. Possesses hands-on experience in the full Software Development Life Cycle (SDLC) and a keen interest in integrating cybersecurity best practices. Ready to leverage problem-solving skills and practical development experience in a challenging technical environment.

## Education

- Bachelor of Science in Computer Science  
University of Crete, Heraklion, Greece | Graduated: April 2025
- **Relevant Coursework:** Software Development, Operating Systems, Database Systems, Web Technologies, Cybersecurity.
  - **Internship (November 2023 - February 2024):** Foundation for Research and Technology - Hellas (FORTH). Contributed to the development and data processing aspects of the integrated bioinformatics pipeline project.

## Technical Skills

Category	Skills
Languages	Java, Python, C, JavaScript, Shell Scripting
Web / Backend	Servlets, REST APIs, Tomcat, HTML, CSS
Databases	MySQL, XAMPP
Tools / OS	Git, Linux (EndeavourOS), IntelliJ, Eclipse
Concepts	Object-Oriented Programming (OOP), Algorithms & Data Structures, Cybersecurity Fundamentals, Software Engineering

## Projects

### Event Booking System (Java & MySQL)

- **Engineered** a full-stack, database-driven event booking system, simulating real-world user interactions and complex transaction flows.

- **Developed** Java Servlets to manage user interaction logic and establish robust integration with the MySQL backend.
- **Optimized** SQL queries and schema design to ensure efficient data handling and high performance for concurrent data transactions.

## Cancer Sample Analysis Pipeline (Thesis Project)

- **Designed and implemented** a bioinformatics data pipeline for the automated analysis of cancer samples.
- **Integrated** multiple complex processing steps into a unified, reliable workflow, significantly reducing manual data handling time.
- **Applied** advanced data analysis and processing techniques to identify and study biological correlations, forming the core of the Bachelor's Thesis.

## Other Experience

### Hospitality Professional - Various Roles

Heraklion, Greece | 2022-2024

- **Developed strong communication and teamwork skills** by interacting with a diverse clientele in fast-paced, client-oriented environments.
- **Demonstrated effective time management** and the ability to perform consistently under pressure to maintain high service standards.

### Military Service

Hellenic Armed Forces | March 2025 - September 2025

- Completed mandatory national military service.