

## **Methodios Zacharioudakis**

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### **Professional Summary**

Detail-oriented Computer Science graduate with a strong foundation in software development, backend engineering, and database systems. Skilled in Java, Python, SQL, and web technologies, with hands-on experience building and integrating applications. Quick learner with problem-solving abilities and an interest in backend development, software engineering, and cybersecurity. Seeking to contribute technical expertise and adaptability to a dynamic development team.

### **Education**

#### **Bachelor of Science in Computer Science**

University of Crete, Heraklion, Greece— Graduated: 2025

Relevant Coursework: Software Development, Operating Systems, Database Systems, Web Technologies, Cybersecurity

Thesis: Developed an integrated pipeline for cancer sample analysis to study biological correlations (combining data processing, automation, and software engineering principles).

### **Technical Skills**

Programming Languages: Java, Python, C, JavaScript

Web Development: HTML, CSS, Servlets, REST APIs

Databases: MySQL, SQL, XAMPP

Frameworks/Tools: Tomcat, Git, Linux (EndeavourOS), Shell scripting

Concepts: Object-Oriented Programming (OOP), Algorithms & Data Structures, Software Engineering, Cybersecurity fundamentals

### **Projects**

#### **Event Booking System (Java & MySQL)**

- Built a database-driven event booking system simulating real-world interactions.
- Implemented Java servlets to handle user interaction and database integration.
- Optimized SQL queries and schema design for efficient data handling.

#### **Cancer Sample Analysis Pipeline (Thesis Project)**

- Designed and implemented a bioinformatics pipeline for automated cancer sample analysis.
- Integrated multiple processing steps into a unified workflow.
- Applied data analysis techniques to identify biological correlations.

### **Personal Projects**

- Developed small applications and scripts in Java and Python to automate tasks.
- Experimented with cybersecurity tools and Linux administration to strengthen security knowledge.

### **Experience**

None yet.

### **Certifications**

None yet.