

# YIANNIS ANTONOGIANNAKIS

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## WORK EXPERIENCE

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### Full Stack Developer

EUROPEAN DYNAMICS · Full-time  
November 2024 - Present

- Developed web applications using React, .NET and TypeScript.
- Collaborated with a team of 4 to implement a RESTful API using .NET 8, ensuring seamless data flow between the frontend and backend.
- Implemented Redis caching to store data and improve application performance.
- Participated in code reviews and testing, following Agile methodologies to improve code quality and development efficiency.
- Integrated JWT-based authentication, securing user access for 100+ accounts.
- Implemented asynchronous message queues using RabbitMQ to ensure reliable communication between microservices.
- Integrated Form.io forms into the application and implemented logic to dynamically handle form submissions and validations.
- Led the development of dynamic form components in React, ensuring scalability, maintainability, and consistent UI/UX across the application.

## EDUCATION

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**Bachelor of Science: Computer Science**  
University of Crete

English B2

## PROJECTS

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**Thesis:** My thesis project involved the development of a web application designed to assist users in making complex queries to the National Center for Biotechnology Information (NCBI) standard search. The goal was to maximize the retrieval of relevant results for each query. The application was built using JavaScript, HTML, CSS, and Bootstrap for a responsive and user-friendly interface. Additionally, the application sends user queries through an API, opening a new window that displays the NCBI search results directly on their website.

**Analysis and Design of Information Systems:** I developed a web application for hotel bookings. This application allows users to search for and book hotel rooms seamlessly. The design of the front-end was first created using the Figma Design tool to ensure a user-friendly and visually appealing interface. The implementation of the front-end was then carried out using HTML, CSS, and Bootstrap. For the backend, SQL and Java Servlets were used to facilitate communication between the website and the database.

**Compilers:** I collaborated with a team of three to develop a programming language using C++. This project involved designing the language syntax and semantics, implementing the compiler, and developing various standard libraries to support the language's functionality. My contributions included participating in the language design discussions, coding key components of the compiler, and debugging the implementation.

## MILITARY OBLIGATIONS

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Completed

## CERTIFICATIONS

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Learn to build an e-commerce store with .Net, React & Redux

Ultimate C# Masterclass for 2025

## SKILLS

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**Databases**(SQL), **OOP**(C++, Java, C#), **Version control**(Git), **UNIX**, **Data analysis**(R), **Design tools**(Figma)

**Web development**(JavaScript, HTML, CSS, PHP, BOOTSTRAP, REACT), **WEB APIS**(.NET 8)