

Michail Anargyros Zamagias



Cover Letter

Dear Hiring Manager,

I am an undergraduate student in Informatics Engineering at TEI of Crete, nearing the completion of my degree. I have a strong foundation in software development, particularly in Flutter and Firebase, as I have been working with them for the past three years.

As a Software Engineering Intern at TEI of Crete, I architected and developed the *Healpen* application, a project that aids users in expressing their thoughts and emotions. It enables the *expressive writing method* and provides the users with insightful visualizations of their mood by performing sentiment analysis on their writing entries. This project honed my technical skills and demonstrated my ability to manage a complete software lifecycle from conception to deployment.

Additionally, my participation in hackathons, including a first-place finish at the ATHENA Student Hackathon, showcases my problem-solving capabilities and teamwork skills. I am keen to apply my software development expertise and innovative approach to contribute effectively to your team.

Sincerely,
Mike

Education

BSc Informatics Engineering, TEI of Crete

Heraklion, Greece
Specialization: Software Engineering

Oct 2018 - present

General Lyceum of Kos "Odysseas Elytis"

Kos, Greece
Grade: Very Good (17.3/20)
[General Lyceum Certificate](#)

Jun 2018

ECCE B2

Kos, Greece
Grade: PASS
[Certificate, Report](#)

May 2015

Work

Software Engineering Intern TEI of Crete

Heraklion, Greece
Architected a mobile application project from start to finish. The application, named *Healpen*, allows users to express their feelings and thoughts. It also performs sentiment analysis on their entries, providing data for visualizing their mood.

May 2023 - Nov 2023

Mitsis "Ramira" Beach Hotel

Kos, Greece
Waiter

Aug 2021

Start Up

Heraklion, Greece
Rearchitected and redesigned the front end of a dating app, refactored the codebase, and collaborated with the back-end team to implement back-end features

May 2021 - Sep 2023

Mitsis "Ramira" Beach Hotel

Kos, Greece
Waiter Assistant
[Work Experience Certificate](#)

Aug 2019

Skills

Programming Languages

6+ years

Python, Shell, Dart, Yaml, TypeScript

Frameworks

3+ years

Anaconda, Flutter, GitHub Actions, Nuxt3, TailwindCSS

Tools

6+ years

Git, GitHub, Tower, Figma, Visual Studio Code, JetBrains IDEs

Computer Proficiency

3+ years

Software Architecture, Flutter Development

Awards

Student Hackathon

Apr 2023

First ATHENA Student Hackathon

Secured first place for an innovative solution in *Responsible Consumption and Production*

University Work

Healpen

2023

Flutter, Full Stack, Firebase, Rive, CI/CD, UI Design

Clinical studies have shown that "expressive writing" can improve emotional well-being. With Healpen, users can freely express their thoughts and emotions through journaling. Healpen uses sentiment analysis to generate mood-based data visualizations from users' journal entries.

flutter_ecommerce_website_demo

2021

Dart, Flutter

E-commerce website. The frontend is made with Flutter and the backend (user authentication, database) with Firebase. A simple CI/CD pipeline by GitHub Actions is used to deploy the website.

The website is available [here](#).

qrapp

2021

Dart, Flutter

Android and iOS application for scanning and creating QR codes, while also keeping their history.

game_2048

2020

Dart, Flutter

Implementation of the game 2048 using Flutter for Android and iOS.

ehealth_services_semester_project

2020

Dart, Flutter

Android and iOS application for data visualization of sleep, heart rate, steps and calories from a fitness tracker.