

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**

Oct 2018 - present

Heraklion, Greece

Specialization: Software Engineering

**General Lyceum of Kos
"Odysseas Elytis"**

Jun 2018

Kos, Greece

Grade: Very Good (17.3/20)

[General Lyceum Certificate](#)

ECCE B2

May 2015

Kos, Greece

Grade: PASS

[Certificate, Report](#)

Work

**Software Engineering Intern
TEI of Crete**

May 2023 - Nov 2023

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.

Mitsis "Ramira" Beach Hotel

Aug 2021

Kos, Greece

Waiter

Start Up

May 2021 - Sep 2023

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

Mitsis "Ramira" Beach Hotel

Aug 2019

Kos, Greece

Waiter Assistant

[Work Experience Certificate](#)

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 front end is made with Flutter, and the back end (user authentication, database) is 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

Mobile application for scanning and creating QR codes while 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.