

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 on their mood by performing sentiment analysis on their writing entries. This project not only honed my technical skills but also 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.