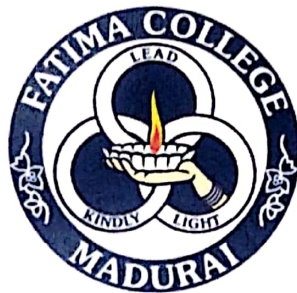# Zyper-AI Infused Website Builder

A Project work submitted to Fatima College (Autonomous) affiliated to Madurai Kamaraj University in partial fulfillment of the requirements for the Degree of Bachelor of Science in Computer Science

Submitted by

T. JEY SHREE BOOMIKA (2021B22)

DEPARTMENT OF COMPUTER SCIENCE

FATIMA COLLEGE (Autonomous)

Re-Accredited with 'A++' Grade by NAAC (4th Cycle)

Mary Land, Madurai-18.

April-2024

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this project entitled **"Zyper-AI Infused Website Builder"** is a bonafide record of the project work done by **T. JEY SHREE BOOMIKA (2021B22)** in partial fulfillment of the requirements for the Degree of Bachelor of Science in Computer Science.

Submitted for the Viva-Voce Examination held on 25-03-2024

INTERNAL EXAMINER

EXTERNAL EXAMINER

DECLARATION

I hereby declare that the project entitled **"Zyper-AI Infused Website Builder"** is a project report of the original work done by me. This project work is submitted to Fatima College (Autonomous, Affiliated to Madurai Kamaraj University) in partial fulfillment of the Degree of Bachelor of Science in Computer Science during the academic year 2023-2024.

I declare that this project work or any part thereof has not been submitted for getting any Degree or diploma from any College or University.

Place: **Madurai**

Date: 25-03-2024

Signature

T. JEY SHREE BOOMIKA (2021B22)
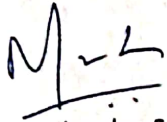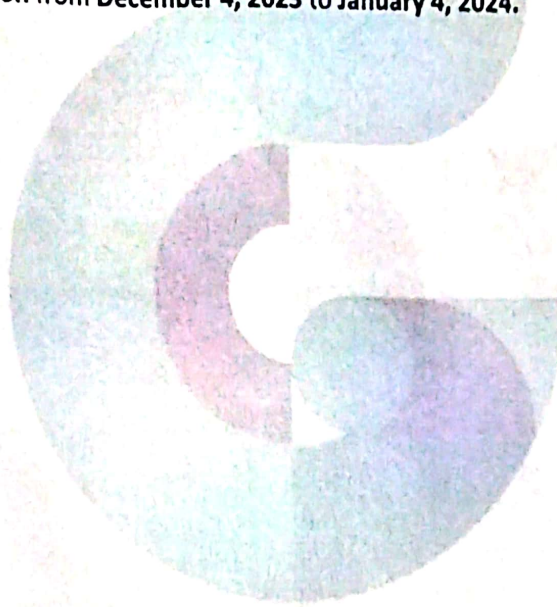
January 4, 2024

TO WHOMSOEVER IT MAY CONCERN

Dear Boomika,

This is to certify that Jey Shree Boomika T (2021B22) sixth semester, B.Sc Computer Science student at Fatima College, Madurai, has completed her internship titled **Artificial Intelligence with Python** from December 4, 2023 to January 4, 2024.

Manikandan S
Director

+91 75300 01564   info@geonslogix.com   geonslogix.com

Corporate Office: 3rd Floor, Lakshmi Sundaram Complex, Kaalavasal Junction, Theni Main Road, Madurai, Tamil Nadu - 625016

ABSTRACT

The proliferation of websites across diverse industries underscores the significance of an online presence in today's digital landscape. However, creating a professional and engaging website demands time, resources, and expertise, often posing a significant barrier for individuals and businesses alike. In response to this challenge, our project proposes an AI-driven website builder, leveraging cutting-edge technologies to streamline the website development process.

Utilizing a repository of design templates, layouts, and multimedia assets, the AI Website Builder generates personalized recommendations tailored to the user's specifications. By analyzing user-provided content and design preferences, the system dynamically adjusts layouts, color schemes, typography, and multimedia elements to ensure coherence and alignment with the user's brand identity. Additionally, for content generation, the system seamlessly integrates with the Gemini API, leveraging its advanced natural language processing capabilities to produce engaging and relevant textual content that complements the overall website design. This integration not only enhances the efficiency of content creation but also ensures consistency and quality throughout the website building process, ultimately delivering a cohesive and compelling online presence for the user.