KOKILAVANI M
PYTHON DEVELOPER

Phone: +91 6369733236

Email: pydevvani@gmail.com

Linkedin: https://www.linkedin.com/in/kokilavanimurugesan24

Github: https://github.com/Vani-2407

PROFILE SUMMARY

Enthusiastic Python developer with a good understanding of programming concepts, databases, and GUI application design. Recently trained in **Agile methodology,** including Scrum practices such as daily standups, sprint planning, and reviews. Familiar with the **SDLC** process and able to apply it to plan, develop, and test projects effectively. Passionate about learning new technologies and building software that is reliable, efficient, and user-friendly.

PROJECTS

1. **RETAIL SHOPPING PURCHASE SYSTEM**
   Domain: E-Commerce / Retail Management
   Tools and Technologies: Python, Twilio
   Description: Developed a Python-based shopping application with separate modules (home.py, men.py, women.py, kids.py, payment.py, otp.py, bill.py) for better code organization. Enabled category-wise product selection, billing, and payment simulation. Integrated OTP generation and verification using **Twilio API** for secure transactions. Generated customer bills in **.txt** format with purchase details and total cost. Added simple animations and sound effects to enhance the user experience, along with redirection to Amazon/Flipkart links for selected products.

2. **GLAMOUR TOUCH – SALON WEBSITE**
   Domain: Web Development / Service Management
   Tools & Technologies: HTML,CSS

   Description: Replica project assigned during training to enhance web design   skills by customizing a salon website template in Nicepage. Improved the visual appeal by modifying the layout, color scheme, and imagery to match the theme. Updated content to showcase services, beauty treatments, skincare tips, and special offers, focusing on creating a professional and attractive brand presence.

ROLES AND RESPONSIBILITIES:

- Analyzed requirements and set objectives using SDLC.
- Designed and implemented logic using Python.
- Built **Tkinter**-based GUI applications with animations and sound effects.
- Integrated **Twilio API** for **OTP** verification and generated bills in text format.
- Applied **Agile Scrum** practices during training for project planning and reviews.
- Modified layouts, color schemes, images, and content to match the brand theme.
- Structured sections to present services, treatments, and special offers.
- Ensured clean design and smooth navigation for better user experience.

TECHNICAL SKILLS:

Programming Languages: Python
Web Technologies: HTML, CSS
Databases: MySQL
Frameworks/Libraries: Tkinter (GUI Design), Pygame (Multimedia), Pillow (Image Processing)
APIs & Integrations: Twilio API (OTP Verification)
Concepts: OOP, Exception Handling, File Handling,Multi-threading
Methodologies: Agile Scrum, SDLC
Tools & IDEs: IDLE, Visual Studio Code.

PROCESS SKILLS:

- Agile Methodology
- User Stories
- Defect life cycle
- Sprints
- Scrum Framework
- SDLC
- STLC

EDUCATION:

BACHELOR OF COMPUTER APPLICATIONS-2025

(Jairam arts and science college-salem)

CERTIFICATIONS:

Internship in Web Development – Imagecon India, Salem.