

# KOKILAVANI M

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## PROFESSIONAL SUMMARY

Motivated and detail-oriented BCA graduate with hands-on experience in Python Full Stack Development, including frontend design, backend programming, and database management. Proficient in Python, Django, HTML, CSS, MySQL, and familiar with software development life cycle (SDLC) and Agile methodology. Strong problem-solving, debugging, and teamwork skills demonstrated through academic and internship projects.

## PROJECTS

- Retail shopping purchase system

**Tech Stack:** Python, Twilio.

**Description:** Built a Python-based shopping system with modular design for Men, Women and Kids categories. Implemented OTP verification using Twilio API, bill generation in .txt format, and simulated payment flow. Enhanced user experience with simple animations, sound effects, and external link redirection.

- Glamour touch – Salon Website

**Tech Stack:** HTML, CSS.

**Description:** Designed and customized a salon website using Nicepage, enhancing layout, visuals, and content to create a professional, engaging brand presence showcasing services and offers.

- Sound Aura – Music Player App

**Tool & Technologies:** Python, Tkinter, Pygame, PIL (Pillow).

**Description:** Developed a desktop-based music player application with genre-based song categorization, interactive GUI, and playback controls. Integrated background image updates for each genre, volume control, and playlist management for an enhanced user experience.

- Women Harassment Reporting System

**Tech Stack:** HTML, CSS, PHP, MySQL, XAMPP.

**Description:** Developed a secure web-based platform for women to report harassment incidents online. Implemented separate user and admin modules for complaint submission, tracking, and case management with database integration for safe record storage and retrieval.

## TECHNICAL SKILLS

**Programming Languages:** Python, Core JS.

**Web Technologies:** HTML, CSS, Django.

**Databases:** MySQL.

**Tools & IDEs:** IDLE, Visual Studio Code, GitHub.

## PROCESS & SOFT SKILLS

SDLC - Agile methodology.

Scrum Framework.

Leadership, Active Listener.

Time Management, Adaptability.

## CERTIFICATIONS

- Internship in Web Development – Imagecon India, Salem.
- Currently upskilling in Python Full Stack Development, focusing on both front-end and back-end technologies.

## ACHIEVEMENTS

- Secured second place – Intercollege Quiz, Vinayaka Mission's College.
- Presented PPT on Secured Web Protocol for Online Shopping, Periyar University.

## EDUCATION

BCA (2022–2025), Jairam Arts and Science College, Salem.

CGPA: 8.84