

SHAM GANESH K

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Recent B.Tech graduate in Artificial Intelligence and Data Science with expertise in Machine Learning, Data Science, and software development. Proficient in Python, SQL, and web development tools with hands-on experience in building scalable applications. Seeking to leverage my technical and analytical skills to contribute to innovative projects in a dynamic organization.

EXPERIENCE

Aegiiz Technologies

11/2023 - 02/2024

Web Developer Intern

- Developed a **Bus Pass Management System**, enhancing accessibility for users to apply, renew, and manage bus passes online, streamlining the process for over 500 users.
- Designed responsive and user-friendly interfaces using **HTML**, **CSS**, and **JavaScript**, ensuring cross-platform compatibility.

EDUCATION

Sri Ramakrishna Engineering College, Coimbatore

10/2020 - 05/2024

B.Tech - Artificial Intelligence and Data Science

CGPA - 7.81

National Matric Higher Secondary School, Coimbatore

06/2019 - 04/2020

HSC

Percentage - 79.33%

National Matric Higher Secondary School, Coimbatore

06/2017 - 04/2018

SSLC

Percentage - 91.6%

SKILLS

- :
- Python
 - SQL
 - HTML
 - CSS
 - Machine Learning

LANGUAGES: English : Fluent, Tamil : Native

PROJECTS

07/2021 - 04/2022

VIRTUAL MENTOR

- Built a chatbot using **Artificial Intelligence Markup Language (AIML)** to assist students in accessing academic-related information efficiently.
- Integrated a user-friendly interface with text-based responses and stored student data using **SQLite**, enabling retrieval of academic records such as GPA and semester-wise performance.

07/2022 - 04/2023

AI PERSONAL TRAINER

- Developed a virtual assistant to provide personalized fitness guidance using **machine learning** and **data-driven recommendations**.
- Designed adaptive workout plans and progress tracking features to support users' health goals effectively.

EYE TRACKING FOR COMMUNICATION IN MOBILITY CHALLENGED INDIVIDUALS

- Created software to translate **eye movements** into text, assisting individuals with conditions like Locked-in Syndrome in communicating.
- Integrated **computer vision algorithms** to recognize and map blinks for input, increasing accessibility and independence.

ACHEIVEMENTS

Won First prize at the Neura - let the Neurons burst, a 3-day state level hackathon conducted by the department of Information technology in associations with the Computer science of society of India and Revealer global solutions Pvt Ltd at Sri Ramakrishna Engineering College, Vatamalaipalayam, Coimbatore.

STRENGTH

- Time Management
- Adaptability
- Patience

HOBBIES

- Movies
- Football
- Cooking