ROSHIKA R

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OBJECTIVE

Final-year BTech student with a keen interest in full stack Web development and AI/ML. Strong analytical and problem solving abilities, with a passion for using AI to create innovative solutions. Eager to pursue a career in the AI and ML field and contribute to cutting-edge projects.

EDUCATION

B.TECH - COMPUTER SCIENCE AND ENGG. , National Institute of Technology Puducherry, karaikal.
Currently Pursuing III year with 7.23 CGPA   2025

CLASS XII - HIGHER SECONDARY EDUCATION , Karaikal Ammaiyar Higher Secondary School, Karaikal
with 85.9   2021

CLASS X - HIGHER EDUCATION ,Vidyasri English High School, Nedungadu with 85.4   2019

SKILLS

Full stack development	HTML,CSS,Javascript
Database	MYSQL, PHP, MONGO DB
Programming Languages	python,C,C++,Java
Data Analysis	Numpy,Pandas,Matplotlib
Soft Skills	Active listener, Decision making , Communication, Multi-tasking

PROJECTS/INTERNSHIP

E- COMMERCE WEBSITE -ACMEGRADE Web Development Internship June-August 2023(Online)

During this internship, my project involved implementing an E-Commerce website using HTML,CSS,PHP and JavaScript. Implemented Login,Signup,Form validation,upload and edit products like 10+ more features.

TEXT-TO-SPEECH APPLICATION –Systecks Solution Virtual Internship March-May 2024(Online)

During this internship, my project involved developing a Python GUI application using Tkinter for converting text into speech, incorporating pyttsx3 and gTTS for TTS functionality. Implemented features for adjusting speech parameters, multilingual support, playback controls, and saving audio files. Enhanced user experience with robust error handling and feedback mechanisms.

MUSIC RECOMMENDATION SYSTEM BASED ON FACIAL EMOTIONS USING CNN-College(Final year Project)

I gained an understanding of machine learning and classification methods using Python. I utilized a dataset ,libraries, modules and I achieved an accuracy of 94.Utilized OpenCV and HaarCascade for precise frontal face detection under 700 milliseconds.

ONLINE QUIZ APPLICATION(Mini Project)

During this project,my project involved implementing the quiz application HTML,CSS,PHP,JavaScript,Anguar js and Node js. Implemented Login, Signup,Form validation,user dashboard,quiz pages like 10+ more features.

HONORS AND AWARDS

- The story I wrote was published in National Press Publication
- I was selected to present paper at IFIF ICCIDS(International Conference on Computational Intelligence in Data Science 2024) and *International Conference on Computing and Intelligent Reality Technologies (ICCIRT 2024)*