MANIKANDAN A

Python developer

6382607244

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EDUCATIONAL QUALIFICATION

BE- (2020-2024)

BANNARI AMMAN INSTITUTE OF TECHNOLOGY
BE AUTOMOBILE ENGINEERING
Domain:Automobile
CGPA: 80.1%

HSC-(2019-2020)

SARASWATHI VIDHYASHRAM MATRIC HIGHER SECONDARY SCHOOL , ERODE
PERCENTAGE: 75.1%

SSLC-(2017-2018)

SARASWATHI VIDHYASHRAM MATRIC HIGHER SECONDARY SCHOOL, ERODE
PERCENTAGE: 87.8%

CAREER OBJECTIVE

As a passionate and motivated recent graduate with a strong foundation in Python programming, I am eager to apply my knowledge and skills to contribute to the development of innovative software solutions. With a focus on problem-solving and an eagerness to learn, I aim to leverage my expertise in Python, data structures, and algorithms to contribute effectively to a dynamic team.

INTERNSHIP

INDUSTRY NAME: ***UNIQ Technologies*** (4 month**)**

DURATION: 20 May to 20 September 2024 (offline)

Key responsibilities:

WORK EXPERIENCE

Python Developer (Backend & Machine Learning Projects)
Duration: [currently working]

Developed and maintained backend systems using Python and Django/Django REST Framework, focusing on authentication, API development, database management, and integrations (e.g., payment gateways, location services).

- Designed and deployed a Breast Cancer Prediction ML Model using classification algorithms (Logistic Regression, Random Forest, etc.) to predict risk levels (Low, Medium, High)
- Hands-on experience in machine learning workflows: data preprocessing, feature selection, training, evaluation, and integration of models into Django backend.

PROJECTS

PROJECT : **Brest cancer prediction application**
Role played: developer
Team size : self
Description:
The application collects input features such as age, menopausal status, family history, BMI, menarche age, breastfeeding history, alcohol consumption, hormonal treatment history, physical activity, and breast pain. Using these inputs, the system processes the data through a trained machine learning model to generate predictions about the user's breast cancer risk.

PROJECT:Saveetha University exam Application

Role Played: Developer

Team size: self

Description:

TThe Students Exam Application is an online examination management system designed to simplify the process of conducting and evaluating exams for schools, colleges, and training institutes. The application provides a secure and user-friendly platform where students can register, attempt exams, and receive instant results,.

LANGUAGES KNOWN

TAMIL - NATIVE PROFICIENT

ENGLISH - PROFICIENT

SKILLS:

- Python (django/flask)t
- Html,Css and Bootstrap
- Javascript
- Mysql-platform workbech
- AI tools,Redis and Celery
- C progeamming

HOBBIES

- Travelling
- Nature identification

PERSONAL DETAILS

Date of Birth : **28.04.2003**

Father Name : **Arumugam**

Mother Name: **Palaniyammal**

Native Place : **Kavindapadi**

ADDITIONAL SKILLS

Customer Service:

- Handling customer queries and complaints
- Empathy and patience
- Providing solutions in a timely manner
- rest api handling and AI tools implementations

Technical Skills:

- Basic knowledge of CRM software (Salesforce, Zoho, etc.)
- Basic knowledge of postman tool

CERTIFICATIONS:

SAEINDIA workshop on bicycle design towards the bicycle design competition 2021
master class on EV design using matlabs at pantech prolabs India Pvt Ltd (**participation**)
National power point presentation competition 2021

CO-CURRICULAR ACTIVITIES

Paper presentation: National level technical symposium organized by College of Engineering Guindy on 05 , 06 & 07 may 2022.

Patent filed | issued 25th january 2023 Magnetic waste metal collector

Product developed |issued 23rd december 2022

New model SUV car on

ACHIEVEMENTS

Created a Personal Portfolio Website

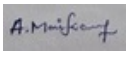
- Achievement: "Built a responsive personal portfolio website showcasing projects, blog posts, and technical skills using Python (Flask), HTML, CSS, and JavaScript."
- Key Technologies: HTML/CSS, JavaScript, Bootstrap

DECLARATION

MANIKANDAN A hereby declare that the above written particulars are true to the best of my knowledge

PLACE :

DATE :



SIGNATURE