MURUGAVEL V

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Portfolio : murugavel.me

OBJECTIVE

As an aspiring Python developer, I am passionate about building scalable backend systems and data-driven applications. I focus on solving complex technical challenges, optimizing performance, and integrating innovative APIs. Driven by a love for continuous learning, I aim to stay at the forefront of technology to create reliable, high-impact solutions.

EDUCATION

B.Tech Artificiial Intelligence and Data Science (Pursuing)

Hindusthan Institute of Technology
2022 – 2026
CGPA - 8.91

Higher Secondary Certificate.

P.A.C.M. Higher. Secondary. School
Percentage - 89.33

Secondary School Leaving Certificate.

P.A.C.M. Higher. Secondary. School
Percentage - 86.8

COMPETENCIES

Technical Skills :

- Python
- Django, Flask
- C, Java
- SQL
- MongoDB
- Machine Learning
- Git and GitHub

Soft Skills :

- Smart Worker
- Collaborator
- Adaptable
- Communicable
- Attentive

CERTIFICATIONS

AWS Training and Certification - Public Sector AI & ML

Microsoft and Linkedln - Career Essentials in Software Development.

NPTEL - The Joy of Computing Using Python

INTERNSHIP EXPERIENCE

Data Science Intern

Technohacks EduTech | June- 2024
- Developed and implemented data analysis models to extract actionable insights.
- Utilized machine learning techniques to enhance predictive accuracy.
- Collaborated with cross-functional teams to support data-driven decision-making.

UI/UX Intern

Cogifyz Technologies. | June - 2024
- Designed intuitive user interfaces and interactive prototypes to enhance user experience.
- Conducted user research and usability testing to gather feedback and refine design solutions.
- Collaborated with developers and stakeholders to ensure seamless implementation of design concepts.

PROJECTS

SmartKart

Built a full-stack e-commerce website using Django, enabling 100+ products, secure checkout, and seamless cart management. Implemented MySQL for efficient data handling, reducingquery response time by 40%

Tech Stack: Python, Django, MySQL, GitHub

Liver Cancer Detection

Developed an ML model with 85% accuracy for liver cancer detection using Scikit-Learn.Engineered key features to improve model performance and optimized hyperparameters to reduce false positives by 20%.

Tech Stack: Python, Machine Learning, Scikit-learn, GitHub

Hospital Management System

This is a Hospital Management System (HMS) developed using Tkinter, the standard GUI toolkit for Python. The system is designed to help hospital staff manage various administrative tasks such as patient records.

Tech Stack: Python, Tkinter, GitHub, MongoDB