MURUGAVEL V

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github.com/Murugavl

Portfolio :murugavel.vercel.app

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 - 8.78

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
- Core Java
- SQL
- Git and GitHub
- Figma

Soft Skills :

- Smart Worker
- Collaborator
- Adaptable
- Communicable
- Creative
- Attentive

CERTIFICATIONS

Google Cloud - Prompt Design in Vertex AI Skill in the context of AI & ML
Google Cloud - Introduction to Gen AI
AWS Training and Certification - Public Sector AI & ML
Microsoft and LinkedIn - 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 adn interactive prototypes to enhance user experience.
- Conducted user research adn usability testing to gather feedback adn refine design solutions.
- Collaborated with developers and stakeholders to ensure seamless implementation of design concepts.

PROJECTS

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%.

Tools Used: Python, Machine Learning, Scikit-learn.

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%

Tools Used: Python, Django, MySQL

News App

Designed a news app prototype with interactive animations. Implemented micro interactions to improve user engagement.

Tools Used: UI/UX, Figma