

SIVABALAN S

AI Engineer | Machine Learning | TensorFlow | Generative AI | Python Developer

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Profile Summary:-

I am a talented machine learning and artificial intelligence engineer with a deep understanding of Python, and I also have a strong desire to build innovative machine learning models. My experience consists of using TensorFlow and Keras to build AI solutions, dealing with intricate problems by showing strong reasoning, and following the best practices in algorithm design. I am excited to take part in revolutionizing AI and machine learning projects.

Technical Skills :-

Programming Languages: C++, Java, PHP, Python, SQL

AI ML: Deep Learning, Data Modeling, Natural Language Processing

Frameworks and Libraries: Tensorflow, Pytorch, Keras, MATLAB

Web Development: HTML, CSS, Bootstrap, JavaScript, MySQL

Internships :-

Generative AI Virtual Internship: Completed a virtual Generative AI internship through AICTE and Eduskills in collaboration with Google. Discussed fundamental and advanced Generative AI concepts such as prompt engineering, fine-tuning models, and AI ethics. Applied real-world projects, using AI to generate text, images, and speech. Created and implemented AI models utilizing tools such as TensorFlow and OpenAI APIs. Strengthened problem-solving and technical abilities, readying for AI-led innovation in industry projects.

Projects :-

Interior and Exterior Design Web Application:

Designed an interactive web platform with a strong emphasis on interior and exterior design based on HTML, CSS, JavaScript, and Bootstrap for responsive, visually impressive front-end rendering, with data storage handled by MySQL. Users can browse inspiration designs, submit project photos, and engage in a community of users through such features as comments and likes. This project emphasizes my full-stack development capabilities through the seamless union of contemporary front-end technologies and powerful back-end data handling..

Education :-

2021 – 2024 B.Sc. in Computer Science, Bharathiyar University (CGPA: 7.4)

2024 – 2026 MCA-GENERATIVE AI, SRM Institute of Science and Technology (Current CGPA: 9.23)

Certifications :-

Hands -on IoT Workshop: Participated in a hands-on workshop on Internet of Things (IoT) technologies, gaining experience with sensor integration, microcontroller programming, and device connectivity.

Data Analytics Workshop: Participated in an intensive Data Analytics Workshop on hands-on data cleaning, visualization, and statistical analysis. Acquired direct experience with the use of Python, SQL, and Excel in converting raw data into actionable intelligence, while discovering best practices in data-driven decision-making and predictive modeling.