

Jacob Samas



Software Engineer

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Passionate software developer with a strong foundation in full stack development and a current focus on building dynamic, user-friendly frontend experiences. Adept at leveraging web technologies to craft engaging and responsive interfaces. Enthusiastic about incorporating AI technologies to enhance user interactivity and project innovation. Committed to continuous learning and hands-on experience to stay ahead in the tech landscape. Open to new challenges and opportunities to collaborate and contribute effectively in the tech community.

Skills

Backend : Python, Flask, Node JS

Frontend : HTML, CSS, Tailwind CSS, Java Script, React JS, Next JS, Redux

AI and Machine Learning: Embeddings, Vector Database, Fine-Tuning, OpenAI API, Vertex API, Cloudflare API, OpenCV, TensorFlow

Database : MySQL, MongoDB

Version Control : Git

Tools: Postman, TablePlus, DBeaver

Education

Bharatiya Vidya Bhavan School, Goa – SSLC, 2018

Christ the King Polytechnic College, Coimbatore -Diploma – 2021

Mar Ephraem College of Engineering and Technology - BE EEE – 2024

Experience

Groomsy - August 2024- Present

Ganesh Toys - August 2024 - Present

Perlon Goa Private Limited, Goa - July 2023 to August 2023

Shaun Filaments, Goa - November 2020 to January 2021

Personal Details

Date of Birth : 13th May, 2002

Present Location : Chennai, India

Languages : Tamil, English, Hindi

Projects

Photo Editor – Online Photo Manipulation Tool

Created a web-based photo editing platform where users can upload photos for a variety of manipulations. The tool allows adding text, rotating, resizing, and applying black and white filters to images.



Python, HTML, CSS, OpenCV, Flask

Fishes – Image Recognition

Developed a web-based application for identifying fish species from uploaded images.



HTML, CSS, Tensorflow, Flask, Python

Selling Fish – Online Fish Marketplace

Developed an online marketplace dedicated to selling fish, enabling users to browse, add fishes to their cart, and proceed to checkout.

 Python, HTML, CSS, TailwindCSS, Flask

Solar Dhobi Cart – Online Laundry Service

Developed an online laundry service where customers can easily order their specific requirements, and proceed to checkout.

 Python, HTML, CSS, JavaScript, TailwindCSS, Flask

AI Translator using Vertex AI – Language Translation Service

Developed an AI-powered language translation service leveraging Google Vertex AI for accurate and real-time translations between multiple languages.

 Python, Google Vertex AI, Natural Language Processing (NLP), Flask, HTML, CSS, JavaScript

Dhobi Dashboard – Online Laundry Dashboard

A dashboard for the laundry service, where the admin can manage orders, customers, and delivery agents..

 TypeScript, JavaScript, MySQL

Weather App – Infinity Scroll

A dynamic weather application with infinite scroll for continuous weather updates.

 TypeScript, Next JS, JavaScript, Tailwind CSS

Jake's Salon

Developed a salon management platform with a frontend website for customers and admin dashboard for salon management.

 Next JS, Tailwind CSS, Node JS, MySQL

Jake's AquaWorld

Developed an e-commerce platform for a fish store featuring a customer-friendly website and an admin dashboard for inventory management.

 Next JS, Tailwind CSS, Node JS, MySQL

Jake's CarStore

Developed a platform for buying and selling new and used cars, featuring a user-friendly customer website and an admin dashboard for managing listings and inquiries.

 Next JS, Tailwind CSS, Node JS, MySQL