

SANTHOSH KUMAR K

Web Developer

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📍 Sunguvarchatram,
Kanchipuram - 602 105
Tamil Nadu

EDUCATION

Bachelor of Computer Science
University of Madras
2018 - 2021

HSC
Don Bosco Matric Hr Sec School
2016 - 2018

TECHNOLOGIES

JavaScript(ES6+)

Node js,

Express js

Python,

Restfull API's

Flask

MongoDB

PostgreSQL

Apache kafka

Git, Github

Langchain

HuggingFace

OpenCV

Redis, Chroma

LANGUAGE

English

Tamil

ABOUT ME

Passionate Web Developer with 2+ years of hands-on experience in building and maintaining web applications using Node.js and Python. Proficient in creating efficient and scalable RESTFUL APIs while leveraging modern development tools and practices, seeking to contribute technical expertise and creative problem-solving skills to a dynamic development team.

PROJECTS

Exar - Online MarketPlace Platform

Tech stack - Node js, Express js, MongoDB & React js

- Implemented RESTful APIs for product catalog management, user authentication, and order processing using Node.js and Express.js.
- Integrated MongoDB to store and manage product data, user profiles, and order history, ensuring data consistency and efficient retrieval.
- Designed API endpoints for seamless communication between frontend and backend components.

Insurance Document Analysis Web Application

Tech stack - Python, Flask, PostgreSQL, React, Langchain

- Built a web application to extract Insurance PDF documents using Python and Flask.
- Stored the data in postgresql tables and documents in vector database chroma for efficient semantic search.
- Integrated Langchain and OpenAI models to enable a chat interface for querying insurance related data.
- Deployed the application for secure, scalable and interactive document retrieval and analysis.

WORK EXPERIENCE

July 2022 - Oct 2024

Agira Technologies | Chennai, Tamil nadu

Software Engineer

-Developed and deployed RestFull APIs with Node js and Express js, resulting in good application performance and reduced response times. - Led the integration of third-party APIs, including payment gateways and authentication systems, ensuring secure and efficient transaction processing. -Implemented data storage solutions using MongoDB, optimizing data retrieval processes and contributing to a more efficient application architecture.

March - July 2022 Agira Techonologies | Chennai

Intern Software Engineer

-Learned and practiced in Javascript and Node js. -Created a demo E-commerce web application. -Worked as a backend developer in internal project for office management system.