Pasupathikumar Selvaraj

Software Engineer

CONTACT ME

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✉ kumarmarimuthu99@gmail.com

📍 Salem, Tamilnadu, India

EDUCATION

B.Tech in IT
Muthayammal Engineering College, Namakkal, TN.
2020 - 2023

Diploma in Mechanical
Thiagarajar Polytechnic College, Salem, TN.
2014 - 2017

SSLC
Gugai Hr Sec School, Salem, TN.
2013 - 2014

SKILLS

- Python, JS
- AI & DS
- Docker
- Computer Vision
- MongoDB
- Linux, Ubuntu

WORK EXPERIENCE

AI & DS Developer   06/2023 - till

Nextbrain Info Tech Solutions | Bangalore

I am currently doing AI and computer vision projects using the Face recognition process, Deepface, ResnetV2 models, etc. Also creating and maintaining the required face-recognized data day by day.

Python Developer Intern   02/2023 - 05/2023

Shiash Infotech Solutions | Chennai

I learned about the initial steps of Python, and Django, Flask, HTML, CSS, JS in this internship and how to develop a Full Stack Web Development project. As the same as Learning something about MySQL database query language.

PROJECTS

Attendance Management System using Computer Vision - Working with Nextbrain python developer team.

My Role: Python Backend Developer and Database Management

In this project, I take the backend development and database maintenance responsibility. I use the ResNetV2 architecture for the face recognition process with 80 to 90 % accuracy. Also, I built the code for Age, Gender, and Emotion detection for an unknown person's initial identification. I create the MongoDB collections for Daily attendance creation with person name, login, logout time details, and Master attendance maintenance.

Natural Disaster Detection using AI - Developed in my college days.

My Role: Full Stack Developer

This project developed me and submitted the mini project in my college days. In this project detect the natural disasters like wild fire, earth quake, tsunami, etc using computer vision or image processing method. After detect the disaster make alert or intimation in given emergency team. I used the Yolo V7 model for detection process and HTML, CSS, JS for frontend developement and Python for backend code. Finally Flask is used to connect the frontend, backend, and database.

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INTERESTED AREAS

- Python software engineer
- AI & DS Developer
- Cloud or Database Management
- NodeJS Frontend Developer
- Full Stack Developer

PERSONAL SKILLS

- Adaptability
- Optimization
- Time Management
- Listening
- Self Motivated

COURSES

- **AZ-900 Azure Cloud Fundamentals in Udemy.**
- **Industry 4.o and IIOT Completed in NPTEL.**
- **Introduction to Python, AI Completed in Great Learning**

PRESENTATIONS

- **Introduction to Industry 4.0 organized by Knowledge Institute, Kakkaveri, Tamil Nade.**
- **Quantum Computing organized by M.Kumaraswamy College of Engineering, Karur, Tamil Nadu.**

SOCIAL MEDIA LINK

- **LinkedIn:** https://www.linkedin.com/in/pasupathikumar-s-72b8b7208/
- **GitHub:** https://github.com/Pasupathikumar