KAMALAKANNAN A

Salem ✉ kamalakannana290@gmail.com 📞 8610702393 🔗

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Summary

software engineering student with a passion for innovation and problem solving. Eager to contribute to dynamic software teams and grow as a full-stack or backend developer in a challenging, growth-oriented environment.

Skills

*Java *Oops concept *SQL Programming *Github *Python(basic) *HTML(basic) *CSS(basic)

Education

Mahendra College of Engineering,Anna University *2021 – 2025*
B.E in Computer Science and Engineering
- CGPA: 7.96
- **Coursework:** Course on Java

  - **2021 class 12th Gugai Higher Secndary School Percentage 71**
  - **2019 class 10th Gugai Higher Secndary School Percentage 60**

Projects

Github Link ↗

Keylogger using java

A keylogger is a software tool designed to capture and log keystrokes typed on a computer keyboard covertly. It is often used for monitoring user activity, gathering data for forensic purposes, or monitoring the child Activities etc

Tools Used: jnativehook

- **Banking fraud predictive model using Machine Learning**

  Machine learning can predict future frauds based on historical data. This predictive capability allows financial institutions to take proactive measures to prevent fraud, rather than reacting after the fact. Machine learning also reduces the number of false positives.

  Tools Used: Data science Python

- **Real Time IoT enable Air quality Monitoring and Pollution AlertSystem**

  Designed and developed a real-time IoT-based system to monitor air quality using gas and particulate matter sensors. The system collects environmental data transmits it wirelessly to the cloud, and triggers alerts when pollution exceeds defined thresholds.

  Tools Used: Arduino ,Embedded Systems

Intenships

- **Techvolt Sofware pvt.ltd,Data science** 23 sept24- 24 oct24

  Researching and proposing new ideas and projects for the team

  Jul 2023 **Livewire,Data science**

  Researching and proposing new ideas and projects for the team bility to apply data science techniques to solve real-world problems.

Activities

Paper presentation : Artificial Intelligence
Work Shop: Generative AI
Others: Code Debugging and circuit debugging, short film and other expo,conference

Certificate

Livewire : Course on Java in completion ID:CO230730Z47822

GUVI: Prompt Engineering,Google for education partner certificate ID :1T170Q23rj211r24EM

Brain o vision: International work shop ID:INSW24BOVMCE404