SENTHILKUMAR A

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CAREER OBJECTIVE

Aspiring Software Developer with a strong foundation in programming, web development and database management. Experienced in leveraging technology to solve real-world challenges, including reducing urban food waste. Developed a Real-Time Weather forecast using React and API integration to provide live weather updates with a responsive user interface. Passionate about tackling complex problems, learning new technologies, and contributing to organizational success through technology-driven solutions.

SKILLS

Programming Languages | Python

Frontend Development | HTML, CSS, JavaScript

Framework| Bootstrap

Database Management | MySQL

Version control | GitHub

EDUCATION

S.K.P Engineering college Bachelor's Degree in Computer Science and Engineering Tiruvannamalai	Sep 2020 – Jun 2024 *CGPA : 8.00*
Class XII Cluny Matric Higher Secondary School, Devikapuram	Jun 2019 – Mar 2020 *Percentage : 60*
Class X Cluny Matric Higher Secondary School, Devikapuram	Jun 2017 – Mar 2018 *Percentage : 84*

PROJECTS

The SmartFood Hub Application   Feb2024–Apr2024

- Developed a mobile platform connecting surplus food suppliers with local communities to reduce urban food waste.
- Optimized resource utilization and streamlined food redistribution using data-driven mechanisms.
- Reduced urban food waste by 30% through the development of a mobile platform connecting surplus food suppliers.
- I have created user-friendly interfaces for seamless navigation, boosting adoption and usability.
- Tech Stack Used : Java, XML, Gradle, Firebase, Android Studio

GitHub Link : Smart Food Hub Application

Weather Forecast using React & API Integration   Jan2025 - Jan2025

- Fetches real-time weather details like temperature, humidity, wind speed, and weather conditions.
- Search Functionality uses to users can search for weather updates in any city worldwide.
- API Integration uses the Open Weather API (or similar) to fetch weather data dynamically.
- The app is fully mobile-friendly, adjusting to different screen sizes and user-friendly experience.
- Tech Stack Used : React.js, JavaScript, HTML, CSS

Live Demo : Click here   GitHub Link : Weather app

INTERNSHIP

Completed a virtual internship in Frontend Development at CodeAlpha, where I built responsive and interactive web interfaces using HTML, CSS, JavaScript, and Bootstrap. Gained practical experience in web design and development, improving skills in creating seamless user experiences and modern UI components. Additionally, I have completed Python and Testing course in Besant technologies.

GitHub link : Projects link

CERTIFICATIONS

- **Airbaclabs –** Workshop on Web Designing and Development
- **Besant Technologies** – Python Course
- **Besant Technologies** – Software Testing