SHRUTHIKA SANKAR

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ABOUT ME

Aspiring Full Stack Developer with a solid foundation in Java, JavaScript, HTML, and CSS. Skilled in building responsive web applications and passionate about solving problems. Eager to learn, adapt, and contribute effectively to dynamic development teams. Hands-on experience with Python, Flask, and MySQL for backend development.

EDUCATION

B.Tech., Information Technology   CGPA: 8.73
Anjalai Ammal Mahalingam Engineering College,
Anna University | Thiruvarur | 2021-2025

Higher Secondary(HSC)   Percentage: 88.523
St.Joesph's Girls Hr. Sec. School ,
State board | Thanjavur | 2019-2021

Secondary School(SSLC)   Percentage: 85.4
Gnanam Matric Hr. Sec. School,
State board | Thanjavur | 2007-2019

TECHNICAL SKILLS

- **Languages**: Java, JavaScript (Intermediate), Python(Basic).
- **Web Development:** HTML, CSS.
- **Framework:** Flask.
- **Database:** MySQL.
- **Tools & Technologies:** Git, Fuzzy Logic, XAMPP.

WORKSHOPS

- Web Development (**KIMO**)
- Data Analysis And Data Analytics (**SCION**)

INTERNSHIPS

- Python Programming (**SCION**)
- Frontend Development(**VITAL SKILLS**)

CERTIFICATIONS

- The Joy of Computing Using Python (**NPTEL**)
- Database Management System (**NPTEL**)
- Frontend Development (**Udemy)**
- JavaScript Bootcamp(**Let's Upgrade**)
- Full Stack Development (**NivoTech**)

SOFT SKILLS

- Teamwork
- Time Management
- Communication
- Problem Solving
- Adaptability

PROJECTS

WOMEN SAFETY CAB BOOKING SYSTEM:
- Developed a **cab booking system** in **Java** with **GPS tracking** and **emergency alerts** for women's safety.
- Integrated **risk detection** to flag **route deviations** and **time delays**, sending auto-alerts to police and contacts.
- Built a **multi-role system** (User, Driver, Admin, Police) with **MySQL backend** and secure data handling.

INSURANCE POLICY ADMINISTRATION SYSTEM:
- Developed an **insurance policy system** using **Java, JDBC, and MySQL** to handle customer registration, policy creation, allocations, payments, and claims.
- Implemented **modular architecture** with separate **service** and **management layers** for each module.
- Designed a **relational database** using **XAMPP** to support **CRUD operations**, **data validation**, and **report generation**.

HEALTH HERBAL ADVISOR:
- **Developed an interactive advisory system** for personalized herbal health solutions, using fuzzy logic for feedback analysis.
- **Implemented voice and text input** in Tamil and English with **Google Text-to-Speech (GTTS)** for enhanced accessibility.
- **Designed a responsive user interface** with HTML, CSS, JavaScript.

PORTFOLIO:
- Developed a **responsive** personal **portfolio website** using **HTML**, **CSS**, and **Bootstrap** to showcase **skills**, **projects**, and **experience**.
- Integrated **smooth scrolling navigation** and **interactive UI components** for seamless user interaction.
- Designed **engaging project sections** with **interactive elements** to highlight work effectively across devices.

ACHIEVEMENTS

- GUVI Learnathon Participant
- IEEE Project Presentation Participant
- Web Design Participant (**AAMEC**)
- Appreciation Certificate - Project Presentation (**AAMEC**)