SNEHA G

A **dynamic and innovative professional** with exceptional **leadership abilities**. Excel in efficiently tackling challenging tasks by **thinking creatively** and finding unique solutions. Known for a **disciplined and dedicated** approach to achieving goals.

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WORK EXPERIENCE

Python with AI and ML   Jan 2023
NSIC Technical Service Centre, Chennai.
- Learned how to use OpenCV, a popular computer vision library, to manipulate and analyse images and videos.
- Used OpenCV to implement image processing algorithms like object recognition.
- Implemented Cascade Classifiers to detect objects in images and videos.

Android Application Development   Sep 2021
Jolly Creation, Tiruvallur.
- Developed visually appealing UI using XML layout files and various UI components.
- Learned about responsive design, accessibility, and optimizing user experience.
- Learned how to handle user inputs and store data in the Firebase database.

TECHNICAL SKILLS

- **Programming:** C, Java, Python
- **Web Development :** HTML, CSS, JavaScript, React.js.
- **Designing UX:** Figma, Gravit Designer
- **Database:** Firebase, MySQL

- Tinkercad
- Android Studio 4.2
- Arduino

PROJECT

Flexa - Your Witness Buddy   Aug 2023
Technology Used: HTML, CSS, JavaScript
- Easy-to-navigate menu for quick access to different sections.
- Engaging design and multimedia elements enhance user engagement.

Survcam - Smart Surveillance Camera   Feb 2023
Technology Used: Python
- Developed the smart surveillance camera for ensuring the security of the house.
- Built the system with Webcam and OpenCV, made the system to be affordable and reliable. Created an image processing algorithm that reduced false alert rate.

Alerter - Wearable Safety Device   Oct 2022
Technology Used: C
- Built a Wearable Safety Device for coal miners to alert them about the gas level around them.
- Designed the device to be compact as its size reduced to 40%.

GPA & CGPA Calculator   Jul 2022
Technology Used: Java and XML
- Developed this app for calculating the GPA and CGPA based on the inputted course name and grades. Created a User-friendly interface with intuitive controls.

Pedometer   Jan 2022
Technology Used: Java and XML
- The app will track the number of steps taken, distance travelled and calories burned by the user.
- Created an option to share their step count, distance, and calories burned on social media platforms.

Mini's Blog   Sep 2021
Technology Used: HTML, CSS, JavaScript, and PHP
- Developed a mobile-responsive blog page as the content could be easily accessible and readable on different devices.
- The UI design is visually appealing and user-friendly which made the content easy to consume.

EDUCATION

2020 - 2024   **B.Tech IT, Anna University , 8.58**
Prathyusha Engineering College, Poonamallee.

2019 - 2020   **12TH STD, State Board , 70.1%**
Velankanni Matriculation Higher Secondary School

2017 - 2018   **10TH STD, State Board , 89.0%**
Velankanni Matriculation Higher Secondary School

KEY SKILLS

- Android Application Development
- Web Application Development
- UI design
- Digital Marketing
- Quality Assurance Analysts

COURSES & CERTIFICATIONS

JavaScript and React.js   Feb 2023
Completed DEVTOWN online course on Front-End Web Development using JavaScript and React.js, certified by Google Developer Student Club.

Software Testing   Jan 2023
Completed NPTEL online certification course on Software Testing with the score of 68% .

Digital Marketing   Sep 2022
Completed FUTURE LEARN online certification course on Digital Marketing by ACCENTURE

Responsive Web Design   Sep 2021
Completed SOLOLEARN online certification course on Responsive Web Design by Yeva Hyusyan

Web Development   Jun 2021
Completed UDEMY online certification course on Web Development Boot Camp 2021

C Programming Fundamentals   Jun 2021
Completed COURSERA online certification course on C for Everyone: Programming Fundamentals by SANTA CRUZ

ACHIEVEMENTS & AWARDS

- Won an **App-a-thon** hackathon by designing an **E-learning Portal.**
- Won in **SNOWHACKS** hackathon designing a **Health Care Android Application.**
- Secured first place in **Void hacks 3.0** hackathon by developing a **Health care Android Application.**
- Secured 1st place in **PAPER PRESENTATION** on Sustainable Nano-Technology at **JEC TECH FEST-2021**

LANGUAGES

English - Fluent   Tamil - Native