

# SAHANA B

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## SUMMARY

Results-driven B.Tech IT graduate with a strong academic foundation (8.69 CGPA) and proficiency in key technologies including Java, SQL, HTML, CSS, JavaScript. Eager to leverage technical skills and knowledge to drive innovation and growth in a dynamic IT environment. Pursuing a career in software development with a passion for building efficient and scalable solutions.

## INTERNSHIP

**Company Name - Enlight Wisdom**

**Feb 2024 - April 2024**

implemented and used a machine learning algorithm, specifically the K-Means Clustering algorithm, to effectively group patients with similar conditions in hospitals. A real-time dataset of 50 patients who were affected by COVID-19 during the pandemic was used. Based on their symptoms, the patients were clustered, and those with similar symptoms were grouped together using the K-Means algorithm.

**Technical Skills:** JAVA, SQL, HTML, CSS, JAVA SCRIPT, Intermediate level of Python, good understanding of DSA concepts, in-depth knowledge in OOPS concepts.

**Languages:** English (Expert), Tamil (MT).

### Courses:

- The Complete 2024 Web Developer Bootcamp,
- Java fullstack From QSPIDERS - Vadapalani (ongoing),
- XAKAL - placement training.

## EDUCATION

**Bachelor of Engineering and Technology**

– **B.Tech - IT**

NOV 2021 - MAY 2025

**8.69 CGPA**

Dr.M.G.R.Educational and Research Institute - Maduravayal, chennai

**Higher Secondary**

2019-2021

**82%**

Sri Sankara Vidyalaya Matriculation Higher Secondary School - Urapakkam

**SSLC**

2018-2019

**76.2%**

SriSankara Vidyalaya Matriculation Higher Secondary School - Urapakkam

## PROJECTS

**1. Hand Gestures in Surveillance Cameras for Safety in Public Places** - Utilized LiDAR technology to detect hand gestures for enhancing public safety in surveillance cameras which is more useful at the time of any type of emergency. By using help symbol we can show in-front of camera which outcomes as alert sound.

**2. Intelligent Pregnancy Care Monitoring System (Using IoT Sensors)** - Designed a system to monitor heart rate and provide safety alerts and calming music at time of emergency for expectant mothers.