

# SAHANA A

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## PROFESSIONAL SUMMARY

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Seeking a challenging and rewarding career that allows me to utilize and enhance my technical, analytical, and professional skills. Looking for an opportunity that will help sharpen my existing knowledge while providing ample scope for learning and growth in emerging technologies.

## EDUCATION

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### JSS Academy of Technical Education, Bengaluru

Bachelor of Engineering in Computer Science and Engineering; CGPA: 9.45 2022–2026

### KBC PU College, Bengaluru

2nd PUC, PCMC; Percentage: 97.17 2021–2022

### Vishwa Venkateswara International School, Bengaluru

10th Grade; Percentage: 91 2019–2020

## KEY SKILLS

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- Java, C, Python
- HTML, CSS

## COURSEWORK

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Java Programming, Data Structures and Algorithms, Database Management, Operating Systems, Computer Networks

## PROJECTS

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### Correlation Analysis of Risk Factors of Diabetes

Collected and preprocessed a diabetes dataset and performed correlation analysis to examine relationships between risk factors. Designed and implemented a machine learning model to quantify these associations, and validated its performance using relevant accuracy metrics.

### Student Management System

Built a console-based application using Java and MySQL to perform CRUD operations on student records. Implemented JDBC for database connectivity and ensured modular, object-oriented design.

### Static Website Deployment on Google Cloud

Deployed a static website on Google Cloud Platform using Google Cloud Storage, configuring the environment for seamless content delivery. Leveraged cloud services to ensure scalability, reliability, and efficient resource management for optimized website performance.

## CERTIFICATIONS

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- Foundations of Cybersecurity, Google Career Certificate via Coursera
- MongoDB for SQL Experts, MongoDB University
- Introduction to the Internet of Things and Embedded Systems, University of California, Irvine via Coursera
- Participant in the NASA International Space Apps Challenge Ideathon
- Participated in the GeekBytes Machine Learning Workshop
- Attended a Workshop on Generative AI and its applications