Darshan M N

📞 **Mobile No.:** +91 9019941819
📍 **Location:** Haveri, Karnataka

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Professional Summary:

Associate engineer - System admin with expertise in system installation, configuration and troubleshooting. skilled in managing user accounts, access controls, IT security, and system performance while ensuring data integrity and compliance. Proficient in remote support, network troubleshooting, software updates and IT documentation. Dedicated to optimizing IT infrastructure, enhancing security and delivering efficient technical solutions. Hands-on experience with SQL, Java (OOPS, JDBC) C, C++, Python, HTML and CSS. passionate about coding, problems solving and continuous learning with a strong focus on team collaboration, process adherence and organizational growth.

Technical Skills:

Languages:	C, C++, Java, Python, HTML, CSS, SQL, PLSQL.
Tools Used:	Microsoft SQL Server Management 2019, SQL Plus, NetBeans, Microsoft Visual Studio 2019, Anaconda.
packages:	Microsoft Office 2019
Operating System:	Windows 11

Educational Qualification:

🎓 **Bachelor of Computer Application (BCA)** – 6.20 CGPA
📍 Amrita University, Mysuru (📅 2023)

Professional Experience:

Associate Engineer – System Admin | 3i – Infotech Pvt Ltd, Bengaluru | Sep 2024 – Present
Responsibilities:
- Install, configure and maintain operating systems.
- Manage user accounts, permissions and access controls.
- Monitor system performance and ensure system availability.
- Troubleshoot hardware, software and networking issues.
- Perform regular system updates, patches and security enhancements.
- Maintain and update IT documentations, SOPs and asset inventory.
- Support end - users with IT - related issues and provide remote assistance.
- Ensure data backups and disaster recovery plans are in place.
- Implement IT security policies and compliance standards.

Academic Projects:

Project: 01
Project Name: Amrita Q Space (Online Question Paper Bank System)
Description:
- It is difficult for students to collect the information about previous year question papers during the exam time.
- The purpose of the project is to build an application program to reduce the manual work to get the previous year Exam Papers by the Students.
- Formulated SQL queries, functions and procedures as per requirement.
- For storing the question bank, SQL 2017 server is used, and SAP crystal report 2016 is used for retrieving of the question paper.
- Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers.

Project: 02
Project Name: Sickle Cell Anemia Detection Using Machine learning
Description:

The research focused on the detection of Sickle Cell Anemia (SCA) using Python, Convolutional Neural Networks (CNNs), and the VGG16 architecture has demonstrated the potential to revolutionize the diagnosis and management of this genetic blood disorder. By leveraging the power of deep learning and automated image analysis, the developed system offers an accurate, efficient, and accessible approach to SCA detection. The results obtained from the implementation of the system have shown high accuracy, precision, recall, and F1 score, indicating its effectiveness in accurately identifying and classifying sickle cells from blood smear images. The CNNs, with their ability to learn hierarchical features from large-scale datasets, have successfully captured discriminative features associated with SCA, leading to improved detection performance. The fine-tuned VGG16 architecture has proven to be an effective tool for feature extraction and classification.

Personal Details:

Nationality:	Indian
Date of birth:	04th April 2002
Address:	Tavaragi Village, Hirekerur Taluk, Haveri District, Karnataka – 581111
Language knows:	English (Read, Speak &Write) Kannada (Read, Speak & Write)

(Darshan M N)