+91 84317 81941
Bijapur, Karnataka, India
drashansvuvce2226@gmail.com

DARSHAN S V

My Portfolio
github.com/DARSHANSV15
linkedin.com/in/darshansv15

CAREER OBJECTIVES

An ambitious, strategic and results-oriented Computer Science student with an unwavering enthusiasm for learning and a strong motivation to excel in a challenging role within an innovative and knowledge-driven environment. Seeking an internship or entry-level position in a dynamic tech environment where I can apply my programming skills and academic knowledge to real-world projects.

EDUCATION

- **BTech**, *University of Visvesvaraya College of Engineering, Bangalore, 9.08 CGPA*   Dec 2022 - present

- **Class XII**, *Tungal PU College, Bijapur, 95.5 %*   May 2022

- **Class X**, *Sainik School Bijapur, Bijapur, 85.6 %*   March 2020

SKILLS

Programming Languages	C, C++, JavaScript, Java
Web Technologies	HTML, CSS, Node.js, Express.js, React, API, EJS, Bootstrap framework
Tools	Git, GitHub, Postman
Database	SQL, MongoDB
Additional skills	Linux OS, Data Structures and Algorithms, AWS basics.

PROJECTS

Banking Management System:

- **Description:** This project aims to create a robust software system for managing banking operations efficiently.
- **Key Features:**
  - o Creation, modification, deletion, and viewing of customer accounts.
  - o Deposit, withdraw, and transfer funds between accounts.
  - o Basic authentication mechanism to ensure only authorized access to sensitive operations.
  - o File-based storage using text files for maintaining account information across sessions.
- **Technologies Used:** This system is developed using C++ programming language with a focus on Object-Oriented Programming (OOP) principles to ensure modularity, extensibility, and ease of maintenance.
- **GitHub Repository:** https://github.com/DARSHANSV15/Banking-Management-System

Real-time Chat Application using WebSockets

- **Description:** This project is a web-based platform designed to facilitate instant messaging between users. By utilizing WebSocket technology, the application ensures seamless and real-time communication, providing users with a responsive and interactive chat experience.
- **Technologies Used:** Node.js, Express.js, Socket.IO
- **GitHub Repository:** https://github.com/DARSHANSV15/MarvelTasks-Level3/tree/main/Task3_Sockets!

Library Resources Management:

- **Description:** This project is a comprehensive web application designed to streamline and enhance the management of library resources. This system leverages the advances tech-stack to offer a scalable, efficient, and user-friendly platform for managing library operations, including book inventory, user accounts, and borrowing processes.
- **Key Features:**
    - o User Registration and Login (Routing).
    - o Add, update, and delete book records (CRUD operations).
    - o Search and filter books by various attributes (title, author, genre, etc.).
    - o Check-out and check-in functionality for books.
    - o View borrowing history for users and books.
- **Technologies Used:** MongoDB, Express.js, Node.js, Pug, HTML5 and CSS3.
- **GitHub Repository:** https://github.com/DARSHANSV15/Local-Library

Todo List-WebApp:

- **Description:** This project is a web-based application designed to help users manage their tasks and stay organized. This application provides a user-friendly interface for creating, updating, and tracking tasks thus enhancing the productivity of users.
- **Technologies Used:** MongoDB, Express.js, Node.js, EJS
- **GitHub Repository:** https://github.com/DARSHANSV15/ToDoList-WebApp

Farmers Smart Inventory Resources Management System

- **Description:** This project is a web application developed to streamline inventory management for agricultural operations. Designed as part of the national-level hackathon BitNBuild, this system offers a comprehensive solution for farmers to manage their inventory efficiently, track supplies, and make informed decisions based on real-time data.
- **Key Features:**
    - o Farmers Registration and Login.
    - o Real-time tracking of inventory levels for various agricultural supplies. Notifications and alerts for low stock levels and upcoming reorders.
    - o Detailed transaction history and reporting features.
    - o Interactive dashboard displaying key metrics, trends, and alerts. Analytics tools for generating reports on inventory usage, stock levels, and financial summaries.
    - o Mobile-friendly and responsive design ensuring usability across various devices.
- **Technologies Used:** MERN (MongoDB, Express.js, React.js, Node.js), Vite, Push notifications, EJS.
- **GitHub Repository:** https://github.com/anonim1729/BNB

ACHIEVEMENTS AND LEADERSHIP ROLES

- **Cracked National Defence Academy Exam**: I have cracked the National Defence Academy written examination three times which is conducted by UPSC. I have also attended the Services Selection Board interview which is a 5-days personality-based evaluation process for induction into the Indian Defence Forces as officers.

- **UVCE MARVEL: R&D Trainee (Cloud Computing and Cyber Security).**: UVCE MARVEL is my college's only alumni funded R&D society which aims to equip students with all necessary skills to gain expertise in Research and development activities. I am currently in 3rd level of this training program in the Cloud Computing and Cyber Security domain. This program has been very interesting and I am very eager explore the domain. Check my profile: https://hub.uvcemarvel.in/u/darshan-s-vajrawad

- **Participated in National level Hackathon BitNBuild**: BitNBuild is a national-level hackathon organized by GDSC CRCE in collaboration with GDSC UVCE. My team secured the second place in state level competition and secured spot as top 35 finalists in national level hackathon held at CRCE College, Mumbai.

HOBBIES AND INTERESTS

- Playing football and badminton.

- Reading novels and storybooks.

- Listening to songs and watching movies and documentaries.

- Interested in Aviation, Space Exploration and Defence Research.