Shashank HN

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Brief Overview

Highly motivated and passionate about advancing technology, I aim to create integrated software solutions that push boundaries, optimize system functionality, improve efficiency, and drive transformative change across industries. I am eager to tackle complex engineering challenges and contribute to cutting-edge innovations.

Scholastics

Jawaharlal Nehru National College of Engineering, Shivamogga, Year December 2021 – June 2025

Bachelor of Engineering, Computer Science Engineering, Visveswaraya Technological University
- ❖ CGPA: 8.5

Technical Skills

- ❖ **Languages:** Core Java, HTML,CSS,SQL, PL/SQL
- ❖ **Database:** Oracle , MSSQL,MySQL

Awareness

- ❖ Software Development Life Cycle, Agile Methodology, Scrum, Jira, Confluence, bitbucket and Waterfall

Projects

- ❖ **Airline Management System using JSWINGS & MySQL.**

  - Developed a GUI-based system for flight and passenger management with MySQL integration Implemented CRUD operations, user authentication, and ticket booking/cancellation.

  - Used JDBC for seamless database connectivity and JOptionPane for error handling.

- ❖ **Attendance Management System using Camera, QR Code - Java (JFrame, MySQL).**

  - Designed and developed a QR-based Attendance Management System using Java (JFrame) for the frontend and SQL for the backend, featuring secure user authentication, dynamic attendance tracking, and QR code integration.

  - Implemented robust user management, real-time validation, and camera-enabled QR scanning to streamline attendance processes in an intuitive desktop application.

Certifications

- ❖ **Cyber Security Intern at Edunet Foundation.**

  As a Cyber Security Intern at IBM, I developed a steganography tool using Python, demonstrating my expertise in cyber security, cryptography, and secure data concealment techniques. This project involved designing and implementing algorithms to embed and extract hidden information within digital media, ensuring data confidentiality and integrity. Through this experience, I honed my skills in Python programming, encryption methodologies, and security best practices while gaining hands-on exposure to real-world cyber security challenges.

- ❖ **Java Tutorial for Complete beginners at Udemy.**

  Learned Java fundamentals including OOP concepts, exception handling.

- ❖ **Introduction to Artificial Intelligence with Java – TCS iON.**

  Learned fundamentals of AI concepts such as search algorithms, machine learning basics, and Java-based Implementations, Worked on basic AI models using Java.

- ❖ **Java Full Stack Intern - TAP Academy.**

  Gained hands-on training in full stack development using Core Java, JDBC, Servlets, JSP, HTML, CSS, JavaScript, and MySQL