

Shradha Suman

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SUMMARY

Motivated and detail-oriented software engineering graduate with strong foundational skills in programming, problem-solving, and collaborative development. Eager to contribute to innovative technology solutions and grow within a dynamic, client-focused environment. Known for quick learning, adaptability, and a proactive approach to challenges. Committed to delivering high-quality work, continuous improvement, and contributing positively to team success .

EDUCATION

• Bachelor of Technology in Computer Science and Engineering

AVN Institute of Engineering and Technology, Ramdasapally

2020-24

Class XII

GPA: - 6.8

MLSM College

2018-20

Percentage:-71%

EXPERIENCE

Research Intern, (ReAnIn)

April 2024 - July 2024

- Managed web content across **1,200+ pages** using a custom Tomcat-based CMS, ensuring high performance and content accuracy.
- Improved **navigation structure** and **internal linking**, increasing average user session time by 30%.
- Assisted in **backend research**, API testing, and content structuring to support scalable application development.
- Gained hands-on exposure to **server-side architecture** and large-scale **content management systems**.

Web Development Internship, (Phn Technology)

Feb 2023-April 2023

- Developed an **Online Restaurant Booking System** using **HTML, CSS, and JavaScript**, implementing responsive UI components and improving overall user experience.
- Created a fully functional **School Website** using **HTML, CSS, and JavaScript**, delivering a clean layout and smooth navigation.

PROJECTS

• PORTFOLIO:

- Designed and developed a fully responsive **personal portfolio website** using **HTML, CSS, and JavaScript** to showcase projects and skills.
- Implemented clean UI/UX design principles, ensuring smooth navigation and an engaging user experience.
- Integrated interactive JavaScript features to enhance usability and visual appeal.
- Demonstrated ability to independently plan, design, and deploy a **front-end web project**.

• AI VIRTUAL KEYBOARD ENHANCED GAMING EXPERIENCE

- Developed an **AI-powered Virtual Keyboard** using **Python**, integrating computer vision and gesture-recognition modules to create an interactive gaming control system.
- Built and tested the project using **PyCharm** and **Anaconda**, ensuring smooth performance and accurate gesture detection.
- Led the project team as **Team Leader**, effectively coordinating responsibilities, guiding development efforts, and fostering a motivated and productive team environment.

• MOOD MUSIC PREDICTION

- Developed a **Mood Music Prediction System** that analyzes human facial expressions to recommend suitable music, achieving an accuracy of **80%**.
- Utilized **Python**, along with relevant libraries such as OpenCV, NumPy, and machine learning models, to process facial data and classify emotions.
- Led the project team as **Team Leader**, ensuring effective coordination, task distribution, and timely completion of deliverables.

TECHNICAL SKILLS

Languages	: Java , Python (Basics)
Web Development	: HTML + CSS, Bootstrap, JavaScript (Basics)
Database	: MySQL
Relevant Coursework	: DSA, Operating Systems, DBMS , Software Engineering.
Tools & Platforms	: PyCharm, Anaconda , Git (Basic), VS Code
Soft Skills	: Teamwork, Leadership, Self-Learning, Presentation.
Languages	: English, Hindi, Telugu, Maithili

