MANYA S

+91 7353785823 | Bengaluru , India | manyasprofessional@gmail.com | linkedin.com/in/manya-s-343a1339b | github.com/manyas-developer

OBJECTIVE

To obtain a Front-End Developer position where I can utilize my skills in HTML, CSS, JavaScript, React, and Next.js to build responsive and user-friendly web interfaces, while leveraging my backend knowledge and growing interest in Artificial Intelligence and Machine Learning to develop innovative and intelligent web applications.

EDUCATION

Master of Technology (M.Tech) in Computer Science and Engineering

Dayananda Sagar University, Bengaluru , CGPA : 9.58/10 | 2025 – 2027 (Expected)

Relevant Coursework: Artificial Intelligence, Machine Learning, Data Science, Cyber Security, Blockchain

Bachelor of Engineering in Computer Science and Engineering

Global Academy of Technology, Bengaluru, CGPA: 9.69/10 | 2021 – 2025

II PUC

KLE Independent PU College , Bengaluru, Percentage : 95.66% | 2019- 2021

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, React, Next.js, Rest API ,Responsive Web Design
Backend: Python, Flask
Database: MySQL
Core Computer Science: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, OOP
Emerging Technologies: Artificial Intelligence, Machine Learning, Data Science, Blockchain, Cyber Security
Tools & Platforms: Visual Studio Code, Jupyter Notebook, Google Colab, MS Office
Soft Skills: Leadership, Communication, Teamwork, Problem-Solving, Presentation Skills

INTERNSHIP

Full Stack Developer Intern -Library Management System

SUPRMENTR

Oct 2024 – Feb 2025

- Designed and developed a full-stack e-Library Management System with responsive frontend components and backend functionality using Flask**.**
- Built **user authentication, role-based access, advanced search, and database integration** to manage e-books, journals, and multimedia resources.
- Implemented **responsive UI using HTML, CSS, and JavaScript**, ensuring seamless user experience across devices.
- Focused on **scalability, efficient resource management, and digital accessibility**, enabling users to access and organize content anytime, anywhere.

PROJECTS

Skin Lesion Classification using Hybrid Deep Learning

- Developed a hybrid CNN–Vision Transformer framework for automated skin lesion classification from dermoscopic images.
- Implemented image preprocessing, feature extraction, and feature fusion techniques to enhance classification performance.
- Aimed at supporting early skin cancer detection and assisting clinical decision-making through intelligent image analysis.

Blockchain-based Healthcare Management System

- Designed a blockchain-based healthcare framework for secure and tamper-resistant patient data management.
- Implemented real-time data streaming with batch block creation and PBFT consensus for distributed validation.
- Developed role-based access control and a Flask dashboard to monitor blockchain activity and latency performance.

Passwordless Authentication System (Cyber Security Project)

- Developed a passwordless authentication system using face recognition and secret code–based multi-factor verification to enhance user security.
- Built a full-stack solution with Python (Flask), OpenCV, and MySQL for biometric registration, authentication workflows, and secure data storage.
- Created a custom facial dataset with automated model training for real-time face matching and dynamic user onboarding.
- Implemented secure login mechanisms reducing risks of phishing, credential theft, and brute-force attacks while enabling seamless transaction authorization.

Travel Management System (ADBMS Project)

- Designed and implemented a database-driven travel management system for booking and managing travel services.
- Created relational database schema, optimized queries, and ensured efficient data retrieval using SQL.
- Developed CRUD functionalities supporting booking operations and user management.

AI HEALTHCARE PROJECTS

Fetal Arrhythmia Detection using ECG Signals

- Developed a machine learning-based system to identify abnormal fetal heart rhythms from complex ECG signals.
- Applied signal preprocessing, feature extraction, and classification techniques to improve detection accuracy.
- Evaluated model performance to support reliable real-time analysis for prenatal healthcare monitoring.

Alzheimer's Diagnosis using CNN

- Built deep learning models to detect and classify Alzheimer's disease stages from MRI images.
- Utilized CNN architectures and transfer learning approaches (ResNet50, VGG19) for feature extraction and classification.
- Assessed model performance using accuracy and classification metrics to enhance diagnostic prediction capability.

CERTIFICATIONS

- **Coding Hackathon in Frontend Web Development –** Code Easy Academy (Oct 2025 – Dec 2025)
  Completed a frontend development hackathon involving real-world project implementation and collaborative problem-solving.
- **Certified Full Stack Developer** – SUPRMENTR (NASSCOM)
- **International Conference Participation** – Sambhram Institute of Technology (ESHM 2025)
- **Publication Certification** – IJARSE, Volume 14, Issue 05, May 2025
- **JavaScript Workshop** (5-Day Live Program) – Code Easy Academy

POSITIONS OF RESPONSIBILITY & ACHIEVEMENTS

- **Best Convener Award** – 24th State level VTU Festival, Global Academy of Technology (2025)
- **Secretary** – Kalaprava Cultural Club (Global Academy of Technology), actively involved in organizing institutional cultural activities.
- **Coordinator** – Hack-A-League 2.0, a 24-hour national-level hackathon, managed event planning and team coordination.
- **Volunteer** – Unnat Bharat Abhiyan (UBA) Camp, contributed to community engagement and outreach initiatives.
- **Participant** – VTU Level Dance Competition (2022, 2024).
- Performed in 100+ stage shows showcasing strong creative expression and stage presence.