



## Manendra Singh

Vellore, Tamil Nadu, 632014

Bachelor of Technology (B.Tech)

Computer Science and Engineering

Vellore Institute of Technology, Vellore

+91-7378221449

manendrasingh202005@gmail.com

GitHub Profile

LinkedIn Profile

Portfolio Website

## PROFESSIONAL SUMMARY

Computer Science undergraduate with strong foundation in Data Structures, Algorithms, and Object-Oriented Programming. Solved 300+ problems on LeetCode (Rating: 1700+) and 350+ on GeeksforGeeks. Hands-on experience in building full-stack web applications using JavaScript, React.js, Node.js, MongoDB, and Firebase. Proficient in C, C++, Java, and Python. Seeking Software Development Engineer (SDE) internship to apply problem-solving and full-stack development skills in real-world projects.

## EDUCATION

- Vellore Institute of Technology, Vellore, Tamil Nadu** 2023-Present  
*Bachelor of Technology in Computer Science and Engineering* CGPA: 8.55
- Swami Keshwanand Shikshan Sansthan, Sikar, Rajasthan** 2022  
*Higher Secondary School (12th Standard)* Percentage: 91.4
- Swami Keshwanand Shikshan Sansthan, Sikar, Rajasthan** 2020  
*High School (10th Standard)* Percentage: 88.33

## PERSONAL PROJECTS

- Stack-IT (Live Demo)** GitHub  
*A Q&A platform inspired by Stack Overflow for users to post, browse, and answer programming-related questions.*
  - Tools & technologies used: HTML, CSS, JavaScript, Node.js, Express.js, MongoDB
  - Developed a user-friendly platform with features like question posting, tagging, upvoting/downvoting, search, and authentication. Implemented responsive UI and efficient backend logic for scalable question-answer interactions.
- Diabetic Retinopathy Detection(Live Demo)** GitHub  
*A service provider platform delivering home services like electrician, plumbing, and cleaning at users' doorstep.*
  - Tools & technologies used: Python, TensorFlow/Keras, CNN, Streamlit, OpenCV, NumPy
  - Built a convolutional neural network (CNN) model to classify retinal images into different stages of diabetic retinopathy.
  - Developed an interactive Streamlit web app enabling users to upload retinal images and receive real-time predictions.
  - Focused on early disease detection to support medical screening and decision-making.
- Kumple News(Live Demo)** GitHub  
*A responsive blog platform with authentication, media posts, category filters, and real-time content updates.*
  - Tools & technologies used: HTML, CSS, JavaScript, Firebase (Firestore, Auth, Storage)
  - Successfully deployed a fully functional platform that allows real-time content updates, secure post management, and dynamic news filtering, enhancing user engagement and content accessibility.

## TECHNICAL SKILLS AND INTERESTS

**Programming Languages:** C, C++, Java, Python, JavaScript

**Web Tech:** HTML, CSS, React.js, Node.js, Express.js, Tailwind CSS

**Developer Tools:** Git, GitHub, Visual Studio Code

**Cloud/Databases:** MongoDB, AWS, Firebase, MySQL

**Core CS Concepts:** OOPS Concept, DBMS, Operating System, Data Structure and Algorithm

**Soft Skills:** Problem Solving, Time Management, Critical Thinking, Communication, Team Management, Adaptability

## ACHIEVEMENTS/CERTIFICATES

- LeetCode:** Solved 300+ problems | Peak Rating: 1717 | Global Rank < 4,00,000 Profile
- GeeksforGeeks:** Solved 350+ problems | Global Rank: 25,000 | Institute Rank: <500 Profile
- AI Agent Workshop using AgentForce** GeeksforGeeks & Salesforce – June 2025
- Adobe India Hackthone - Participation** Adobe – July 2025
- AI Agent Workshop using AgentForce** GeeksforGeeks & Salesforce – July 2025
- Google Cloud Agentic AI Day - Participation** Hack2Skill – July 2025