



Manendra Singh

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Bachelor of Technology (B.Tech)
Computer Science and Engineering
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GitHub Profile
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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	<i>Bachelor of Technology in Computer Science and Engineering</i>	<i>2023-Present</i>
• Swami Keshwanand Shikshan Sansthan, Sikar, Rajasthan	<i>Higher Secondary School (12th Standard)</i>	<i>2022</i>
• Swami Keshwanand Shikshan Sansthan, Sikar, Rajasthan	<i>High School (10th Standard)</i>	<i>2020</i>
		Percentage: 91.4 Percentage: 88.33

PERSONAL PROJECTS

• Stack-IT (Live Demo)	<i>GitHub</i>
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)	<i>GitHub</i>
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)	<i>GitHub</i>
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	<i>Profile</i>
• GeeksforGeeks: Solved 350+ problems Global Rank: 25,000 Institute Rank: <500	<i>Profile</i>
• AI Agent Workshop using AgentForce	<i>GeeksforGeeks & Salesforce – June 2025</i>
• Adobe India Hackthon - Participation	<i>Adobe – July 2025</i>
• AI Agent Workshop using AgentForce	<i>GeeksforGeeks & Salesforce – July 2025</i>
• Google Cloud Agentic AI Day - Participation	<i>Hack2Skill – July 2025</i>