

Mahesh Singh

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SKILLS

- **Languages:** C++, JavaScript, PHP
- **Frameworks:** HTML and CSS, Bootstrap, NodeJS, React, Tailwind
- **Tools/Platforms:** MySQL, MongoDB, Visual Studio 2022, GitHub
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability
- **Cloud and DevOps:** Docker, Kubernetes, AWS, Firebase and GraphQL

PROJECTS

Code And Chill – Computer science learning platform:

In Progress

Interactive coding platform built with React, Tailwind CSS, and MongoDB – User-Centric Platform

Orchestrated a series of 10 coding challenges that attracted over 20 participants, enhancing community engagement and collaboration within the platform while improving user retention by creating meaningful competition experiences.

Provided a seamless user experience for learning and competition – High-Quality Interface

Developed APIs to form a smooth interface between database and the platform.

Tech: React, CSS, JavaScript, Bootstrap, MongoDB, NodeJS and Tailwind

Hospital Management System – Managing hospital data:

December 2022

Streamlined hospital operations – Advanced System Design

Features included role-based access, secure authentication, and real-time updates –

Comprehensive Solution

Tech: HTML, CSS, PHP/Laravel, and MySQL

TRAINING AND INTERNSHIP

Working as AI trainer on Outlier AI:

Trained AI models on Outlier AI by refining datasets and applying programming skills, resulting in a notable 30% improvement in model accuracy through iterative learning and optimization processes.

Summer training with GeeksForGeeks in Data Structures and Algorithms:

Completed a rigorous three-month summer training program with GeeksForGeeks, mastering Data Structures and Algorithms while developing practical skills through hands-on projects including a Binary Tree Visualizer using D3, HTML, CSS, and JavaScript.

CERTIFICATES

- IBM DevOps and Software Engineering – specialization December 2024
- Data Structure and Algorithm - Self-Paced (C++) by GFG. July 2024
- IBM Full Stack Web Development – by Coursera January 2024

ACHIEVEMENTS

- **Secured Global contest rating 1768 in Leet Code:** January 2025
Among top 8% contestant in Leetcode contest
- **Secured Global ranking 2850 in Weekly Contest 435:** December 2025
Among 34,000+ participants in contest
- **Achieved project success in my cohort with 100% client satisfaction:** December 2025
Project based on online tutoring for a client with

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 6.67 Since August 2022
- **Indian Public Senior Secondary School** Lohara, Ludhiana
Intermediate; Percentage: 94% April 2019 - March 2021
- **Indian Public Senior Secondary School** Lohara, Ludhiana
Matriculation; Percentage: 95% April 2017 - March 2019