

# SANTHOSH THOUDA

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## SKILLS

- **Programming Languages:** Java, JavaScript, PHP, Python, HTML, CSS
- **Frameworks:** Bootstrap, React JS, NodeJS
- **Databases:** MySQL, MongoDB, SQL Server
- **Version Control:** Git, Github
- **Other Skills:** DSA, MERN Stack, Wordpress, Generative AI
- **Soft Skills:** Problem-Solving, Interpersonal Communication

## EXPERIENCE

- **Chegg Experts** Since Feb 2024
  - *Subject Matter Expert (CSE)*
    - I deliver accurate and high-quality solutions for diverse Computer Science and Engineering (CSE) problems.
    - Ensure clear, detailed, and step-by-step explanations for student understanding.
    - Consistently achieve high ratings by maintaining reliability and precision.
    - Manage deadlines effectively while handling various topics with expertise.
    - **Tech stacks uses:** I use the tools and programming languages that the buyer requires like Java, Python.

## PROJECTS

- **Banking Management System:** Duration: 20 days  
Developed Core Banking Features: Implemented account creation, deposit, withdrawal, balance inquiry, money transfer.  
Integrated Database with JDBC: Ensured real-time synchronization with MySQL for all banking operations.  
Applied OOP Principles: Used Inheritance, Polymorphism, Encapsulation, and Abstraction for structured design.  
Enhanced System Reliability: Implemented Exception Handling, File Handling, Collections, and JUnit testing.  
**Tech:** Java, MySQL
- **Binary Search Visualization:** Duration: 15 days  
Designed & Developed an interactive Binary Search Visualization using HTML, CSS, and JavaScript.  
Implemented real-time element highlighting and  $O(\log n)$  time complexity display.  
Enhanced UX/UI with animations, search functionality, and dynamic feedback.  
Optimized for Learning to help users understand algorithm efficiency step-by step.  
**Tech:** HTML, CSS, JavaScript
- **Currency Converter – Web Application:** Duration: 20 days  
Developed a real-time currency converter using HTML, CSS, and JavaScript, integrated with the ExchangeRate-API to fetch live exchanges rates. Implemented an intuitive UI with dropdowns for selecting currencies and an input field for amount conversion.  
Enhanced user experience with responsive design and error handling for API failures  
**Tech:** HTML, CSS, JavaScript, ExchangeRate-API
- **Edutainment:** Duration: 1 month  
**Purpose:** Integrated Education & Entertainment for an engaging learning experience.  
I developed an interactive Edutainment platform combining education and entertainment. Designed key pages like Homepage, About, and Contact Us. Integrated LMS, books, tutorials, and YouTube channels for learning. Added vlogs, movies, web series, and music for entertainment. Included business and sports pages to cater to a wider audience.  
**Tech:** HTML, CSS, JavaScript, PHP, MySQL, jQuery, Bootstrap

## CERTIFICATIONS

- HTML, CSS, JavaScript for Web Developers (Johns Hopkins University - Coursera) Duration: 40 hrs.
- Server-side JavaScript with Node.js (NIIT – Coursera) Duration: 40 hrs.
- DSA Self-Paced Course (GeeksforGeeks) Duration: 8weeks
- Generative AI for Everyone (DeepLearning.AI – Coursera) Duration: 5hrs.

## ACHIEVEMENTS

- **Freelance Work**  
Maintained a 1.2x Expert Rating, solving 120+ CSE problems with high accuracy and detailed explanations.

## EDUCATION

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering;* Since Aug 2023
- **Lovely Professional University** Punjab, India  
*Diploma – Computer Science and Engineering; Percentage: 88%* Aug 2020 - June 2023
- **Sree Sathya Sai High School** Sadasivpet, Telangana  
*SSC; Percentage: 95.5%* Jun 2019- Mar 2020