

# SANTHOSH S

Thiruvannamalai, Tamil Nadu, India

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## PROFILE SUMMARY

Full-stack developer skilled in Java, Spring Boot, MERN stack, and MongoDB. Built secure, scalable apps with JWT authentication and REST APIs. Strong in problem-solving with hands-on project experience and a solid foundation in data structures.

## EDUCATIONS

- **Master of Computer Application (2024 – 2026)**  
Currently pursuing a Master of Computer Applications (MCA) at Kongu Engineering College
- **Bachelor of Computer Science (2021 – 2024)**  
Completed a Bachelor of Science (B.Sc.) from Karan Arts and Science College.
- **Higher Secondary Certificate (2020 – 2021)**  
Completed Higher Secondary Certificate (HSC) from S.R.G.D.S Matric Higher Secondary School, Tiruvannamalai.

## PROJECTS

### *Project Management System*

[GITHUB](#) | 2025

*Tech Stack:* Java, Spring Boot, MongoDB, React

- Built a full-stack Project Management System enabling users to create projects, assign tasks, track progress, and collaborate with team members using Spring Boot, MongoDB, and JWT-based authentication
- Implemented real-time task updates and project status management with a user-friendly dashboard, leveraging React and Redux for dynamic frontend performance.

### *Nest Cove*

[LIVE](#) | [GITHUB](#) | 2025

*Tech Stack:* Mern Stack (MongoDB, Express, React, Node)

- **Nest cove** is a robust **MERN stack** application utilizing **REST API**, **JWT** for secure authentication, **Node.js** for server logic, and **MongoDB** for data management. It enables users to efficiently engage in the **buying and selling** of homes with seamless functionality and secure transactions.
- The platform allows users to easily **list properties**, **browse homes** by filters like location, price, and size, and **manage transactions**. With a **user-friendly dashboard**, buyers and sellers can track listings, update details, and ensure smooth transactions throughout the process.

## CERTIFICATIONS

- **Data Structures & Algorithms with Java** | *Scalar* | 2025  
Gained expertise in algorithmic problem-solving techniques and optimized data structures for efficiency.
- **MongoDB Associate Developer** | 2025  
Gained proficiency in MongoDB fundamentals, data modeling, aggregation framework, and CRUD operations aligned with MongoDB Associate Developer standards.
- **Java Programming** | *Udemy* | 2024  
Strengthened Java development skills, covering object-oriented programming, multithreading, and collections.

## ACHIEVEMENTS

- Co-authored and published a research paper titled “*A Comparison Analysis of AI ChatGPT: Evaluating Gemini AI, DeepSeek AI, and Qwen AI through OpenRouter API Integration*” in 2025, focusing on performance evaluation of AI models using real-world programming tasks.
- Presented a paper on a **chatbot-based ticket booking system** at a government engineering college in Erode in 2024.

## CODING PLATFORMS

**Leet code:** 190+ Problems are solved (C, Java and My SQL)

[PROFILE](#)

**Geeks For Geeks:** 50+ Problems are solved

[PROFILE](#)

## SKILLS

**Languages**

C, Java, HTML, CSS

**Libraries/Framework**

ReactJS, NodeJS, Spring Boot

**Tools/Platform**

GitHub, Git, VS Code, Postman, IntelliJ IDEA.

**Database**

MongoDB, MySQL.