SANTHOSH S

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PROFILE SUMMARY

Full Stack Developer skilled in Java, Spring Boot, React.js, Node.js, and MongoDB. Experienced in designing scalable REST APIs and implementing JWT-based authentication. Built full-stack applications following microservice architecture, enabling modular and maintainable backend systems. Strong in data structures, API integration, and real-world problem solving.

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**

- Developed a modular full-stack Project Management System following microservices principles.
- Implemented separate services for user authentication, project handling, and task tracking using Spring Boot and MongoDB.
- Used REST APIs to enable communication between services, and secured the application using JWT.
- Created a responsive React frontend with Redux for state management and real-time task updates.

Nest Cove   **LIVE** | **GITHUB** | 2025

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

- Developed a real estate web app enabling users to list, browse, and manage property listings.
- Integrated JWT for secure authentication, Node.js for backend logic, and MongoDB for data storage.
- Implemented user dashboards for listing management, search filters, and transaction flow.
- 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: 200+ 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.