

SANTHOSH MATHAVAN R

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with hands-on experience in Java, Spring Boot, React.js, Node.js, Express.js, and MongoDB. Skilled in designing, developing, and deploying responsive web applications and RESTful APIs. Adept at building scalable backend systems, optimizing database performance, and delivering intuitive frontend experiences. Seeking a challenging role to leverage technical expertise and contribute to high-impact projects while continuously advancing in modern software technologies.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript
- **Frameworks & Libraries:** Spring Boot, Hibernate, React.js, Node.js, Express.js, Bootstrap
- **Web Technologies:** HTML5, CSS3, JSON, RESTful APIs
- **Backend & Cloud:** API Integration, Microservices, Spring Security, CI/CD Pipelines
- **Databases:** MySQL, Oracle, PostgreSQL, MongoDB
- **Tools & Platforms:** Git, GitHub, Eclipse, Visual Studio Code, Linux, Postman
- **Core Concepts:** OOP, CRUD Operations, MVC Architecture, Agile Methodology
- **Operating Systems:** Windows, Ubuntu
- **Others:** Microsoft Excel, PowerPoint

CERTIFICATIONS

- **Java Full Stack Development** - J Spiders Bengaluru | Jun 2025
- **AI for Beginners** - HP LIFE | Aug 2025 (Online Course)
- **Mastering AI on AWS** - AWS Certified AI Practitioner - Udemy | Oct 2025
- **HTML & CSS for Beginners:** Basic to Advanced - Udemy | Oct 2025
- **Introduction to Front-End Development** - Simplilearn | Oct 2025

PROJECTS

Express.js Backend with MongoDB | Sep 2025 - Oct 2025

Backend Project

- Developed a scalable backend application using Express.js and MongoDB with modular architecture.
 - Implemented middleware, validation schemas, and secure authentication using Passport.js, bcrypt, cookies, and sessions.
 - Designed and executed full CRUD operations to manage user data efficiently.
- Tech Stack:** Node.js, Express.js, MongoDB, Passport.js, Joi, JavaScript

Instagram Clone | Sep 2025

Frontend Project

- Built a fully responsive Instagram-like web application with modern UI using React.js and Bootstrap.
 - Implemented CRUD functionality for posts including creation, editing, deletion, and live feed updates.
 - Enhanced user experience with intuitive UI/UX design.
- Tech Stack:** React.js, Bootstrap, HTML, CSS, JavaScript

Online Electronics Store Platform | Jul 2025 - Aug 2025

Full Stack Project

- Built RESTful APIs with Spring Boot for product management, orders, and authentication.
- Integrated Spring Boot backend with a React.js frontend for real-time data synchronization.
- Deployed on a cloud environment with CI/CD pipelines, maintaining **99%** uptime and seamless scalability.
- Reduced API response time by 20%

Tech Stack: Spring Boot, React.js, MySQL, JavaScript

Online Nike Store | Nov 2024 - Dec 2024

Frontend Project

- Created a responsive interface with product listings, category-based filtering, and optimized search functionality.
- Integrated mock APIs for dynamic product data and implemented a shopping cart with state management.
- Enhanced the user experience through smooth navigation, optimized layout, and consistent design across devices

Tech Stack: React.js, HTML, CSS, JavaScript

Movie Website | Oct 2024 - Nov 2024

Frontend Project

- Built an interactive platform featuring live search and dynamic movie listings powered by external APIs.
- Integrated data from the TMDB API and JSON files for rich, up-to-date movie information.
- Designed a mobile-friendly, cinematic UI, improving engagement by **65%** and performance by **30%**.

Tech Stack: HTML, CSS, JavaScript

EDUCATION

B.E. Mechanical Engineering - Anna University Regional Campus, Tirunelveli | Aug 2020 - Jun 2024 | CGPA: 7.71

HSC - St. Ann's Matric. Hr. Sec. School | Jun 2019 - May 2020 | 74%

SSLC - St. Ann's Matric. Hr. Sec. School | Jun 2017 - May 2018 | 84%

LANGUAGES

- English - Professional Proficiency
- Tamil - Native / Fluent
- Kannada - Conversational