

# Madhumathi R

Email: madhujeya152@gmail.com

Mobile: +91-8940698992

LinkedIn: [linkedin.com/in/madhumathi-r1502](https://www.linkedin.com/in/madhumathi-r1502)

GitHub: [github.com/Madhumathi1502](https://github.com/Madhumathi1502)

## SUMMARY

IT undergraduate with a strong foundation in computer science and hands-on experience in full-stack web development. Experienced in developing scalable web applications with a focus on front-end design, API integration, and optimization. Passionate about leveraging Data Structures, Algorithms, and AI to build efficient, user-centric solutions. Seeking Software Engineering opportunities to build scalable, real-time applications using modern technologies.

## EDUCATION

SRM Institute of Science and Technology Tiruchirappalli, Tamil Nadu

Bachelor of Technology in Information Technology (IT) September 2023 – May 2027

CGPA: 9.31 / 10

## SKILLS

**Programming Languages:** Java, JavaScript

**Domain Knowledge:** Data Structures and Algorithms, OOPS, DBMS, Operating Systems, Computer Networks, SAP S/4HANA (ERP Fundamentals)

**Languages and Frameworks:** HTML, CSS, React.js, Node.js, Spring Boot

**Tools and Technologies:** MySQL, PostgreSQL, MongoDB, Git, GitHub, REST API Testing

## EXPERIENCE

**Livewire** | [Link](#)

Jun 2025 - Jul 2025

Web Developer Intern

Tiruchirappalli, Tamil Nadu

- Developed responsive websites using HTML, CSS, and JavaScript.
- Gained hands-on experience in frontend development and UI design.

## PROJECTS

**Job Application Trend Analysis**

Big Data Essentials

- Hive + Tableau
- Analyzed job application trends using Apache Hive for querying large datasets and Tableau for data visualization.
- Extracted insights into hiring patterns, skill trends, and industry demands over time
- Developed dynamic visual dashboards in Tableau to present the analysis in an interactive and actionable format.

**Zynkora – Real-Time Collaborative Task Management Platform**

Full Stack

- Spring Boot, Next.js, WebSockets
- Built a scalable full-stack real-time task management platform using Spring Boot, Next.js, WebSocket, and PostgreSQL
- Implemented secure authentication, REST APIs, and optimized backend performance for scalable data handling
- Developed interactive Kanban workflows with real-time state synchronization and collaboration features
- Enabled real-time team communication with chat, typing indicators, emoji support, and persistent storage

## CERTIFICATIONS

**Introduction to ERP using GBI 3.30 on SAP S/4HANA** | [Link](#)

Nov 2025

SAP University Alliances

**Java Foundation Certification** | [Link](#)

Jun 2025

Infosys Springboard

## ADDITIONAL ACTIVITIES

Co-authored the chapter “The Role of Renewable Energy in Transforming the Healthcare Industry” in the book Better Living: Holistic Health in the Digital Age (ISBN: 978-81-946418-9-6), The Dawn Publishers, Feb 2025.