MADHUMATHI A

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SUMMARY

Aspiring engineer with a strong interest in systems, automation, and real-time technology. Eager to learn, solve problems, and contribute to impactful engineering solutions. Driven by curiosity, discipline, and a passion for building technology that matters.

EDUCATION

B.E. Electronics and Communication Engineering
Sri Shakthi Institute of Engineering and Technology (2022–2026)
CGPA: 9.00
HSC
St. Joseph's Matric. Hr. Sec. School (2021–2022)
Percentage: 87.8%
SSLC
St. Joseph's Matric. Hr. Sec. School (2019–2020)
Percentage: 86.6%

SKILLS

- Programming Languages: C, Java
- Database: MySQL
- Web Development: HTML, CSS
- Development Tools: VS Code, Proteus, Eagle, MATLAB
- Soft Skills: Problem Solving, Quick Learner, Adaptability, Team Collaboration, Time Management

PROJECTS

- **Natyalaya – Dance Academy Manager**

Created a Java console app to manage student records, fees, and attendance for a dance academy. Used MySQL for structured data handling and easy retrieval. Enabled role-based access for admin and students.

- **Personal Portfolio Website**

Developed a responsive portfolio site using HTML, CSS, and JavaScript. Showcases skills, projects, and education with visual appeal. Includes theme toggle, scroll animations, and a resume link.

- .**BookMate – Readers' Pick Recommender**

Built a frontend web app to recommend books based on user interests and trending picks. Focused on responsive design, interactive UI, and smooth user experience using HTML, CSS, and JavaScript.

- **Smart Irrigation System using Blynk App**

Built an IoT-based smart irrigation system using real-time soil moisture data and Blynk App. Enabled automated watering with mobile control to promote efficient water usage.

- Patent Granted – No. 202441045217

ADDITIONAL INFORMATION

- **Languages:** English, Tamil
- **Achievements:** Patent for Smart Irrigation System, Completed Bharatanatyam Arangetram – reflects discipline & dedication.
- **Certifications:** C Programming Practice – College Level, Data Structures and Algorithm – Udemy, Database Management – Scaler Academy, Java Bootcamp – Let's Upgrade