SHARAN M

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SUMMARY

Aspiring Python and Web Developer with a solid foundation in computer science engineering. Experienced in developing scalable and responsive web applications and proficient in database design, management, and optimization. Dedicated to building efficient software solutions and continuously exploring emerging technologies. Eager to contribute to impactful projects and thrive in innovative, collaborative environments.

SKILLS

Programming Languages	Python, Java
Web Development	HTML, CSS, JavaScript, React.js
Backend Technologies	Node.js, Express.js, Django
Databases	MySQL, MongoDB
Tools & Platforms	Git, GitHub, VS Code, AWS, MS Office,
Soft Skills	Problem-Solving, Teamwork, Decision Making

EDUCATION

Dr. T. Thimmaiah Institute of Technology	*Karnataka, India*
BE in Computer Science and Engineering - **CGPA: 8.56**	*2021 – 2025*
Sri Bhagawan Mahaveer Jain College	*Karnataka, India*
Pre-University College - **Percentage: 82.6**	*2019 – 2021*

EXPERIENCE

Web Application Development Intern - *Rooman Technologies*   *Sept 204 – Feb 2025*

- Developed and optimized responsive web applications using React.js, Node.js, and MongoDB enhancing overall application functionality and improving UI responsiveness.
- Gained hands-on experience in frontend and backend development by working on 2 full-stack projects, improving overall application performance.
- Collaborated with a team of 4 developers to deliver scalable, user-friendly web solutions.

PROJECTS

Early Sepsis Risk Prediction System ⎘   *Feb 2025 – May 2025*

Python | Flask | PostgreSQL

- Developed a TensorFlow deep learning model with 97% accuracy for early sepsis detection using 22 clinical features.
- Built a Flask–PostgreSQL web app for real-time patient data entry, risk prediction, and stage-wise diagnosis across 50+ test cases.
- Designed a Clinical Decision Support System with secure data handling, real-time predictions, and automated patient report downloads, helping doctors make faster decisions.

Realtime Chat Application - Chatter Hub ⎘   *Nov 2024 – Jan 2025*

Node js | Express js | Mongo DB | React js

- Built a real-time chat application with JWT authentication and WebSocket messaging, optimized for seamless use across devices and supporting 100+ users during testing.
- Added secure file and image sharing using Multer and MongoDB, handling uploads up to 25MB.
- Improved performance with Socket.io and Axios, reducing message delays and ensuring smooth multi-user communication.

CERTIFICATIONS

- Application Developer Web & Mobile – Rooman Technologies   *2025*
- Joy of Computing Using Python – NPTEL   *2024*
- AI & ML Virtual Internship – AWS Academy   *2024*