SHARAN M

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SUMMARY

Aspiring Python and Web Developer with a strong foundation in computer science engineering. Skilled in building scalable web applications and working with modern backend technologies and databases. Experienced in using basic AI/ML methods to build useful data-driven models. Dedicated to writing efficient, reliable, and maintainable code. Eager to contribute to impactful projects and grow in collaborative, fast-paced environments.

SKILLS

Programming Languages	Python, SQL
Web Development	HTML5, CSS3, JavaScript, React.js
Backend Technologies	Node.js, Express.js, Django
Databases	MySQL, MongoDB
Tools & Platforms	Git, GitHub, VS Code, AWS, PyCharm, 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: 8.54** *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*