



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, Figma, AWS
Soft Skills	Problem-Solving, Teamwork, Decision Making



EDUCATION

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

EXPERIENCE

Web Application Development Intern - Rooman Technologies	<i>Sept 2024 – Feb 2025</i>
<ul style="list-style-type: none">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 	<i>Feb 2025 – May 2025</i>
Python Flask PostgreSQL	
<ul style="list-style-type: none">Developed a deep learning model using TensorFlow (MLP architecture) that achieved 97% accuracy in predicting early-stage sepsis, a life-threatening infection, using 22 clinical features.Built a Flask-based web application integrated with PostgreSQL, enabling real-time patient data input, risk prediction, and stage-wise diagnosis for 50+ test cases and reducing manual diagnosis time by 40%.Designed a Clinical Decision Support System with secure data handling and real-time predictions, enabling automatic patient report downloads and supporting faster medical decisions across 40+ cases.	
Realtime Chat Application - Chatter Hub 	<i>Nov 2024 – Jan 2025</i>
Node js Express js Mongo DB React js	
<ul style="list-style-type: none">Built a fully functional real-time chat application with JWT authentication and WebSocket messaging, enabling secure communication for 100+ users with message delivery under 200ms during testing.Implemented secure file and image sharing using Multer and MongoDB, supporting uploads up to 25MB with a 99% success rate across devices.Enhanced real-time performance using Socket.io and Axios, reducing message delay by 40% and ensuring consistent sync across chat rooms during multi-user simulations.	

CERTIFICATIONS

• Application Developer Web & Mobile – Rooman Technologies	<i>2025</i>
• Joy of Computing Using Python – NPTEL	<i>2024</i>
• AI & ML Virtual Internship – AWS Academy	<i>2024</i>