SUSHMITA M HOSAMANI

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CAREER OBJECTIVE:

Detail-oriented and motivated Computer Science engineering student with strong skills in Java, web technologies and core CS fundamentals including Operating Systems, DBMS, and Computer Networks. Proficient in problem-solving and software development, with hands-on project experience in machine learning, web applications, and smart city solutions.

TECHNICAL SKILLS

Programming Languages: Java
CS Fundamentals: Operating Systems, DBMS, Computer Networks, Object-Oriented programming
Web Technologies: HTML, CSS, JavaScript
Database management: SQL, Relational DB concepts

PROJECTS

Fake News Detection using Machine Learning

- Developed a machine learning model to detect fake news by analyzing user-input text and predicting its authenticity as true or false.
- Integrated AI explainability features to provide a simple explanation of the prediction, enhancing transparency for users.
- Built a responsive web interface using HTML/CSS with backend in Python (PyCharm) to allow users to interact with the model in real time.

Smart City Management System:

- Designed and implemented a centralized web portal with login authentication, allowing users to securely access city services like hospitals, transport, and libraries.
- Integrated hospital appointment booking, enabling patients to schedule consultations and automatically store details in the backend database.
- Developed a transport module with real-time info on intra-city and intercity buses, connected directly to the web interface.
- Added a library management system for book search, availability checks, and student access—streamlining city library usage for users.

EDUCATION:

PERSUING B.E IN COMPUTER SCIENCE | GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI
 2026 | CURRENT CGPA: 9.08

KONNUR SCIENCE PU COLLEGE, YALLATTI | 2020 – 2022 | PERCENTILE: 96.66

SWAMI VIVEKANAND PUBLIC SCHOOL, TERDAL | 2020 | PERCENTILE: 87.6

CERTIFICATIONS:

- Cloud Computing – *NPTEL (National Programme on Technology Enhanced Learning)*
  Completed a comprehensive course on cloud service models (IaaS, PaaS, SaaS), virtualization, containerization, distributed systems, and cloud deployment strategies.

- ISOC – Design and Deployment of Computer Networks   June 2025 – July 2025