

VARSHITHA M S

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PROFESSIONAL SUMMARY

Computer Science graduate with internship experience in Machine Learning, and Full-Stack Development. Proficient in Python, TensorFlow, React and database technologies, with hands-on experience developing predictive models and applications. Strong problem-solving and analytical abilities with a passion for building practical, user-focused solutions. Seeking an opportunity to contribute and grow in a dynamic technology environment.

EXPERIENCE

Machine Learning & Generative AI Intern | Contriver Feb 2026 – May 2026

Completed a 3-month internship in Machine Learning, Generative AI, and Full-Stack Development with hands-on project experience.

Train Delay Propagation Model | Python, Machine Learning, React, REST API 2026

- Engineered an ML-driven train delay prediction system to analyze delays and recommend alternative transportation options.
- Improved travel planning efficiency by up to 40% through intelligent delay forecasting.

Product Description Generator | Python, TF-IDF, Cosine similarity 2026

- Architected a full-stack, machine learning based application for automated product description generation
- Reduced manual content effort by nearly 70% while accelerating product onboarding.

ACADEMIC PROJECTS

Smart Identification and Edibility Detection System | Python, TensorFlow, OpenCV, CNN 2025

- Orchestrated a deep learning-based system to identify fruits and vegetables, detect ripeness, provide nutritional guidance and warning alerts.
- Enhanced food quality evaluation efficiency by approximately 70% through Personalized guidance..

Project Topic Recommendation System | Python, React, MongoDB 2025

- Built a platform that recommends personalized project topics, reducing topic selection time by 65%.

Care Cloud — Donation Management Website | HTML, CSS, JavaScript, REST API 2024

- Spearheaded a digital platform connecting donors and beneficiaries to donate and track donations.
- Streamlined donation coordination by over 60% through centralized management.

Shortcut Key Saver | HTML, CSS, JavaScript, CRUD 2024

- Crafted an interactive CRUD-based application for organizing and accessing all keyboard shortcuts.
- Improved shortcut retrieval speed by nearly 75%, boosting productivity.

TECHNICAL SKILLS

- **Programming Languages:** Python, C, JavaScript, OOP
- **Web and Backend Technologies:** HTML, CSS, React, REST APIs
- **Databases:** MySQL, MongoDB
- **Machine Learning / AI:** TensorFlow, OpenCV, TF-IDF, Recommendation Systems, Pandas, NumPy
- **Tools & Platforms:** Git, GitHub, VS Code, PyCharm, Jupyter Notebook, Apache, LaTeX, JFLAP
- **Soft Skills:** Communication, Team Collaboration, Time Management, Team Leadership, Adaptability, Problem Solving

EDUCATION

Bachelor of Engineering — Computer Science & Engineering 2022 – 2026

Government Engineering College, M H Halli, Hassan CGPA: 8.88

Course Work: Data Structures and Algorithms, Database Management System, Operating Systems, Computer Networks, Machine Learning, Finite Automata

Higher Secondary Education (PCMB) 2020 – 2022

Brigade PU college, Hassan 93%

CERTIFICATIONS

- Data Analytics Job Simulation — Deloitte
- TCS iON Career Edge – Young Professional — Tata Consultancy Services (TCS iON)
- Business Email Writing : Communication Skill For Work — Udemy & Infosys Springboard
- AI for Beginners — HP Life
- Introduction to Generative AI Studio 'and' Introduction to Data Analytics — Google Cloud & Simplilearn SkillUp

LANGUAGES KNOWN

Kannada (Native) | English (Professional Working Proficiency) | Hindi (Fluent)