

R JEEVAN

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EDUCATION

10th Grade (ICSE) Sri R.V. School, Kolar Score: 95.20%	Apr 2019 – Apr 2020
12th / Pre-University Course (PUC) Vidya Jyothi PU College, Kolar Score: 89.67%	May 2020 – May 2022
B.E. in Computer Science and Engineering JSS Academy of Technical Education, Bengaluru CGPA: 8.46	Aug 2022 – Present

SKILLS

Languages:	Python, Java, C, HTML, CSS, JavaScript
Core Concepts:	Data Structures and Algorithms, Machine Learning, DBMS, OS, Computer Networks
Frameworks & Libraries:	NumPy, OpenCV, YOLOv3, TensorFlow, Scikit-learn
Platforms & IDEs:	Jupyter Notebook, Visual Studio Code
Tools:	Git, MySQL, Power BI
Soft Skills:	Problem Solving, Team Collaboration, Effective Communication, Analytical Thinking

PROJECTS

Smart Traffic Management System JSS Academy of Technical Education, Bengaluru - Developed a real-time vehicle detection and counting system using YOLOv3. - Integrated OpenCV and deep learning to dynamically manage signal durations based on congestion. - Enhanced traffic flow by applying intelligent decision-making logic using computer vision.	Nov 2024 - Dec 2024
AI-Powered Health Chatbot for Rural Healthcare - Developed an AI-powered multilingual health chatbot using NLP and ML to provide symptom analysis, telemedicine referrals, and voice/SMS support for rural populations. - Ensured HIPAA/GDPR compliance with WHO/CDC-trained models and collaborated with NGOs to deploy solutions for maternal/child health and chronic disease management.	Mar 2025 - Apr 2025
Healthcare Data Security using Federated Learning & Blockchain - Developed a privacy-preserving healthcare AI system using Federated Learning to train models on decentralized data and Blockchain for secure, tamper-proof record-keeping. - Ensured HIPAA/GDPR compliance through data anonymization and secure aggregation while benchmarking performance against centralized systems for improved privacy & scalability.	Jan 2025 - Apr 2025

CERTIFICATIONS

Machine Learning Specialization Stanford University — DeepLearning.AI - Supervised/unsupervised learning, recommender systems, reinforcement learning. - Applied machine learning models to real-world problems using industry-standard best practices.	Mar 2025 – Apr 2025
Python for Data Science, AI & Development IBM - Gained practical experience with Python for data science, focusing on core programming concepts and OOP. - Used Pandas, NumPy, and BeautifulSoup for data analysis and web scraping in Jupyter Notebooks.	Jun 2024 - Jul 2024
Foundations of Cybersecurity Google - Covered CISSP's eight domains, security frameworks, and entry-level analyst responsibilities. - Analyzed the impact of cyberattacks on organizations and the evolution of the cybersecurity field.	Apr 2024 – Jul 2024