



ABOUT ME

Enthusiastic and driven computer science engineering student with a passion for problem-solving and technology, seeking an opportunity to apply my skills and knowledge to gain practical experience in the field. Eager to contribute to innovative projects, develop technical skills, and collaborate with a dynamic team to solve real-world challenges in software development, machine learning, or cybersecurity.

EDUCATION

Reva University, Bangalore

B-Tech in Computer Science and Engineering
2021 – 2025
Aggregate of 8.29 CGPA

Deeksha at Sri Venkateshwara PU College, Bangalore

Class 12
2019 – 2021
92%

Coorg Public School, Coorg

Class 10
2009 – 2019
88%

SKILLS

- Strong problem-solving skills demonstrated through coursework and projects.
- Proactive attitude towards learning and eagerness to explore new technologies.
- Effective collaboration and teamwork skills developed through group projects.
- Basic programming skills with the ability to understand and debug code.
- Good communication skills
- PROGRAMMING LANGUAGES:** C++, C Java, Python, HTML, JavaScript, PHP, SQL

COURSES

- Azure AI Fundamentals by Microsoft
- Digital engineering by NASSCom ER&D industry
- Azure Fundamentals by Microsoft

PROJECTS

LIBRARY MANAGEMENT SYSTEM

- Built a Library Management System using Java (NetBeans) and MySQL to manage books, authors, borrowers, and transactions.
- Implemented key features such as add/remove books, check-in/check-out, and multi-criteria search for efficient operations.
- Collaborated with team members to design user-friendly interfaces and enhance overall user experience.

GOLD PRICE PREDICTION

- Developed a gold price prediction system using Linear Regression and Gradient Boosting Regressor, comparing their accuracy and performance.
- Analyzed economic indicators and gold price relationships, extracting meaningful insights to understand market dynamics.
- Built a decision-support tool for investors and analysts, providing reliable short-term and long-term predictions for informed decision-making.

LANGUAGE TRANSLATION USING WORD EMBEDDINGS FROM ENGLISH TO SPANISH

- Built a language translation model using NLP techniques, leveraging word embeddings and parallel corpora for English-Spanish translation.
- Implemented and evaluated a simple translation system based on IBM Model 1.
- Provided insights into building and assessing translation models, highlighting the role of word embeddings in improving performance.

INTEGRATED HEALTHCARE PORTAL

- Developed an Integrated Healthcare Portal that connects hospitals, medical shops, labs, administrators, and patients into a single platform for efficient healthcare service delivery.
- Implemented role-based access and functionalities: administrators manage hospitals and labs, while users and doctors can register, view nearby services, request healthcare, and access emergency ambulance calls in real time.
- Enhanced coordination, scalability, and user experience by streamlining service requests, enabling real-time responsiveness, and optimizing resources—supporting digital healthcare transformation.