

C S DEVI DEEKSHITHA

B.E. – Computer Science and Design

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EDUCATION

ATME College of Engineering – Mysore

2023 - 2027

B.E. – Computer Science and Design CGPA: **8.0/10**

Government PU College Shivpura – Maddur

2021 - 2023

P.U. – PCMB | Percentage: **79/100**

Akshara International Public School – Kowdle

2020

10th | CBSE | Percentage: **77/100**

SKILLS

Programming Languages : DSA , C , JAVA , Python , CSS/HTML /JS

Tools / Platforms : Github , Figma , VS Code , JupyterNotebook

Database : MySQL

PROJECTS

- Skill Hub - Web based Peer to Peer skill exchange hub | Domain : Web Application

Developed a web platform that enables users to exchange skills and collaborate based on mutual interests. Implemented user authentication, profile management, and skill-matching features. Designed an interactive and user-friendly interface for seamless communication between users. Integrated backend database for storing user data and skill listings.

Key Skills: HTML, CSS, JavaScript, Python/Backend, Database Management

- Terrain-Based Pathfinding Visualizer | Domain: Algorithms & Visualization

Designed a Python-based system to compute the shortest path in a grid-based terrain environment. Implemented A* Search, Dijkstra's Algorithm, and Greedy Best-First Search for optimal route calculation. Integrated multiple terrain types with variable movement costs and obstacle handling. Developed interactive visualization using Matplotlib to display grid layout, start/goal points, and computed path.

Key Skills: Python, NumPy, Data Structures & Algorithms, A* Algorithm, Matplotlib

- Browser Extension Analyser | Domain : Cyber Security

Developed a tool to analyze browser extensions for potential security risks and malicious behaviors. Implemented domain filtering and permission analysis mechanisms. Designed features to monitor extension activities and enhance user security awareness. Improved browsing safety by identifying suspicious scripts and unauthorized access attempts.

Key Skills: JavaScript, Browser APIs, Cybersecurity Concepts, Domain Filtering

- K-Means Clustering Implementation | Domain: Machine Learning

Implemented the K-Means unsupervised learning algorithm to group similar data points into predefined clusters. Performed centroid initialization, iterative assignment, and centroid updating until convergence. Analyzed cluster patterns and evaluated grouping efficiency on sample datasets. Visualized clustering results for better interpretability and analysis.

Key Skills: Python, Machine Learning, Unsupervised Learning, Data Analysis, NumPy/Matplotlib.

CERTIFICATIONS

Honours Degree :

Completed Honours Specialization Advanced Computer Networks & Blockchain Technology.

Participations :

- Secured First place in NOSTRADAMUS-2K26 Hackathon at RIMS (2026)
- Participated in MRIOTHON 2.0 – 24-Hour Hackathon on AI & Cyber Security, Mysuru Royal Institute of Technology (2025)
- Participated in TECHNOVATE 2K25 – National Level IEEE Technical Symposium (Code Hunt), HKBK College of Engineering (2025)
- Participated in ELECTRO QUEST – State Level Technical Event, PES College of Engineering, Mandya (2025)
- Attended Illuminate 4.0 – Celebrating Engineering Excellence, organized by L&T Technology Services in collaboration with NIE, Mysuru (2026)

PERSONAL DETAILS

Gender: Female

Date of Birth: 11 June 2004

Marital Status: Single

Known Languages: Kannada, English

Current Address: D/O Suresha, Chamanahali, Maddur talluk, Mandya district, Karnataka, India - 571429