

# Aishwarya K M

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## Objective

I am a dedicated computer science engineering student with experience in programming, algorithms, and software development. My academic journey has sparked a passion for problem-solving and discovering how technology can drive innovation. I enjoy exploring different areas of computer science, such as software development, artificial intelligence, and data structures. I am eager to continue learning and applying my knowledge to real-world challenges, with the aim of contributing to significant technological advances.

## Education

<b>JSS</b>	<b>J.S.S. Academy of Technical Education, Bengaluru (JSSATEB)</b> , Computer Science and Engineering (VTU) <ul style="list-style-type: none"><li>CGPA: 9.2</li></ul>	2022 - Present
<b>MIPU</b>	<b>Mangalore Independent PU College, Bangalore</b> , PUC - PCMC (State) <ul style="list-style-type: none"><li>Percentage: 95.33%</li></ul>	2020-2022
<b>KVM</b>	<b>Kendriya Vidyalaya Malleshwaram, Bangalore</b> , 10th(CBSE) <ul style="list-style-type: none"><li>Percentage: 84%</li></ul>	2019-2020

## Projects

### Edu-Insight: Result Analyzer Website

Edu-Insight-Result-Analysis [🔗](#)

- Developed a Flask-based Academic Result Analyzer Web Application using Python, Pandas, and JavaScript. The application processes student result data from Excel files, calculates grades, generates semester-wise performance analytics, and visualizes data using charts. Implemented automated PDF report generation and an intuitive web interface for seamless result analysis. Designed a responsive UI with HTML, CSS, and JavaScript for an enhanced user experience.
- Key Technologies: Python, Flask, Pandas, Matplotlib, JavaScript, HTML, CSS

### Sentiment Analysis AI project

Sentiment-analysis-AI-project [🔗](#)

- Developed a Flask-based Sentiment Analysis Web App using Python and JavaScript. The application allows users to analyze the sentiment of a given text input (Positive, Negative, or Neutral) through an interactive web interface. Designed a responsive UI with HTML, CSS, and JavaScript for an enhanced user experience. Integrated real-time text processing for instant sentiment feedback.
- Key Technologies: Python, Flask, JavaScript, HTML, CSS

### Morse Code Translator

Morse-Code-Translator [🔗](#)

- Developed a Python-based Morse Code Translator that converts text to Morse code and vice versa. Implemented a dictionary-based encoding and decoding system for efficient conversion. The program includes a user authentication system, allowing users to create and manage accounts securely. Designed an interactive command-line interface (CLI) for a seamless user experience. Added input validation and error handling to ensure accuracy.
- Key Technologies: Python, Dictionary-based Encoding/Decoding, User Authentication, CLI-based Interface

### Frontend E-Commerce Website

Frontend-E-commerce-  
website [🔗](#)

- Developed a responsive e-commerce website for shopping using HTML, CSS, and JavaScript. Designed an intuitive UI/UX, product listings, shopping cart integration, and interactive elements for seamless user engagement.

## Technologies

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**Programming Languages:** C, Java, and Python

**Web Skills:** HTML, CSS and JavaScript

**Database Management:** SQL(MySQL), NoSQL(MongoDB)

## Skills & abilities

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- Data structures and Algorithms.
- Problem solving and Analytical skills
- Communication
- Leadership
- Teamwork & Collaboration
- Research Skills