



# AISHWARYA M C

B.E. - Computer Science & Engineering

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## KEY EXPERTISE

Python    HTML5    C programming    CSS3    C++    DSA in C    React    Machine Learning    Artificial Intelligence    Java  
Java script    Data Science    Springboot    Postman    Canva    Figma

## EDUCATION

### RNS Institute of Technology

2023 - 2027

B.E. - Computer Science & Engineering | CGPA: 9.10 / 10

### Mandavya Excellence P U College, Mandya

2023

12<sup>th</sup> | PUE Karnataka | Percentage: 94.83 / 100

### SRI Venkateshwara Vidyanikethana Moodaladoddi, Mandya

2021

10<sup>th</sup> | KSEEB | Percentage: 97.44 / 100

## AWARDS AND SCHOLARSHIPS

- Best Project Award under Best Social Impact Project

## INTERNSHIPS

### Infosys | IT / Computers - Software

15 Apr, 2025 - 17 Jul, 2025

Completed the Pragati Cohort 5 Internship, gaining hands-on experience in AI and Data Science while enhancing communication, teamwork, and professional soft skills.

## PROJECTS

### Cake Bliss

Key Skills: HTML5    CSS3    Java Script

Project Link: <https://aish1718.github.io/Cake-Bliss/>

Cake Bliss is a responsive and visually appealing bakery website developed using HTML, CSS, and JavaScript. It allows users to explore various cake options through an interactive and user-friendly interface. The project emphasizes responsive design, smooth navigation, accessibility, and an engaging user experience across all devices.

### ATS Analyser

Key Skills: Python    Flask    Gemini API

Project Link: <https://github.com/Aish1718/ATS-Analyser>

Developed an AI-driven web application that analyzes resumes against job descriptions to evaluate keyword match, skill alignment, and ATS compatibility. Integrated the Gemini API to generate detailed feedback and improvement suggestions using natural language processing.

## PUBLICATIONS / RESEARCH / WHITE PAPERS

### AI-Driven OS Security Systems and Edge OS

Scopus Index and Web of Science | No. of Authors: 4

Key Skills: Artificial Intelligence    Machine Learning    Python

This paper explores AI-driven solutions for securing operating systems (OS) and edge computing against evolving threats. Leveraging predictive analytics, federated learning, and lightweight AI, our approach addresses limitations in traditional methods. Compared to prior work, we demonstrate enhanced anomaly detection, privacy preservation, and scalability, offering a robust framework for modern OS security architectures.

## ASSESSMENTS / CERTIFICATIONS

### Introduction to Java and Object-Oriented Programming

**Key Skills:** Java Object Oriented Programming in Java

Completed the Introduction to Java and Object-Oriented Programming course by the University of Pennsylvania, gaining a strong foundation in Java syntax, OOP principles, and software development concepts.

### Design and analysis of algorithms

**Key Skills:** Design of algorithms Analysis of algorithms

Completed Design and Analysis of Algorithms by IIT Madras, learning key algorithmic techniques, problem-solving strategies, and performance analysis for efficient software development.

### Data Science Foundation

**Key Skills:** Data Science

Completed the Data Science Foundation Certification by Infosys, gaining foundational knowledge in data analysis, visualization, and basic machine learning concepts.

### Demystifying Networking

**Key Skills:** Network Security Network Theory Networking Protocol

Completed Demystifying Networking by IIT Bombay, gaining foundational knowledge of computer networks, protocols, and communication systems.

### Object Oriented Programming using Python

Completed Object-Oriented Programming using Python by Infosys Springboard, learning OOP concepts including classes, objects, inheritance, polymorphism, and encapsulation.

### Database Management Essentials

**Key Skills:** Database management MySQL NoSQL

Completed Database Management Essentials by the University of Colorado, learning core concepts of relational databases, SQL queries, and data modeling.

### Embedded Software and Hardware Architecture

**Key Skills:** Embedded C Hardware architecture

Completed Embedded Software and Hardware Architecture by the University of Colorado, learning the fundamentals of embedded systems, microcontroller programming, and hardware-software integration.

### Agile Scrum in Practice

**Key Skills:** Agile Scrum Kanban

Completed Agile Scrum in Practice by Infosys, gaining hands-on understanding of Agile methodology, Scrum framework, and iterative project management.

## SEMINARS / TRAININGS / WORKSHOPS

### Introduction to Blockchain Hands-on session on smart contracts Institute Name: RNS Institute of Technology

**Key Skills:** Blockchain Networking

Attended a workshop on Introduction to Blockchain with hands-on training in developing and deploying smart contracts, gaining practical insights into decentralized applications and Ethereum-based blockchain concepts.

## EXTRA CURRICULAR ACTIVITIES

- Badminton player

## PERSONAL INTERESTS / HOBBIES

- coding , listening music, reading books, explore new technologies

## WEB LINKS / IMs

- WhatsApp - 8861464536
- Github - <https://github.com/Aish1718>

## PERSONAL DETAILS

**Gender:** Female

**Marital Status:** Single

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**Date of Birth:** 18 Oct, 2005

**Known Languages:** English , Kannada and Telugu

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