

# NIMISHA E



## COMPUTER SCIENCE AND BUSINESS SYSTEMS

### CONTACT DETAILS

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### EDUCATION

Bachelor of Engineering  
(2023-2027)  
Specialization: Computer Science  
and Business Systems

### SKILLS

- Python
- Java
- C
- Microsoft Excel
- UI/UX
- Figma
- Strategic Planning
- Generative AI

### LANGUAGES

- English
- Hindi
- Kannada

## PROFILE

Curious and driven 5th-semester B.Tech student in Computer Science and Business Systems at MIT Mysuru, with a foundation in Java, Data Structures, DBMS, and Operating Systems. Interested in data analytics, AI, and business intelligence, with experience in sustainability-focused tech projects. Eager to apply technology-driven insights to solve real-world business challenges.

## PROJECT

### **SORT BY COUNTING (INPUT ENHANCEMENT TECHNIQUE)** 2024-2025

- ◇ Implemented the Counting Sort algorithm with distribution-based input enhancement for improved performance.
- ◇ Analyzed time and space complexity, highlighting efficiency for datasets with limited value range.

### **AI-BASED SUSTAINABLE FASHION ASSISTANT** Ongoing

- ◇ Developed an AI-driven recommendation system promoting sustainable fashion choices using data analytics and machine learning principles.
- ◇ Integrated user preference and environmental impact data to suggest eco-friendly clothing alternatives and reduce waste in the fashion industry.

## HACKATHONS & COMPETITIONS

**INNOTHON 2025** – HINDUSTAN COLLEGE, MYSURU  
Participant – Tech Innovation Hackathon  
◇ Collaborated with teammate to solve real-world problem statements focused on impactful, sustainable solutions.

**NAMMA SURAKSHA** - 2025 – PRESIDENCY UNIVERSITY, BENGALURU  
Participant – Tech Innovation Hackathon  
◇ Actively participated in a 3-day hackathon focused on public safety and security solutions.

## RELEVANT COURSEWORK

- Data Structures and Algorithms
- Database Management Systems
- Logic Design and Computer Organization
- UI/UX Design
- Finance Management (Business Systems)
- Business Communication

## CERTIFICATIONS

Generative AI - Geeks for Geeks  
UI/UX - Coursera  
Fundamentals of Management - Coursera  
Operations Research - Coursera