

# BANDI NIKITHA

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## PROFILE

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A driven student with a keen interest in facing new challenges. Known for a strong commitment to hard work, flexibility, and building strong connections. Dedicated to using my skills to support team efforts effectively.

## EDUCATION

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**Bachelors of Engineering**, R.V.Institute of Technology and Management 2022-2026  
Computer Science Engineering. CGPA of **8.8**.

**Pre-University Education**, PES PU College 2020 - 2022  
PCMB, Scored **93** in Class 12(State Board).

**Schooling**,The New Cambridge English High School 2010 - 2020  
Science, Scored **91** in Class 10(ICSE).

## SKILLS

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| <b>Technical Skills</b> | C, Java, Python, MySQL,HTML,CSS         |
| <b>Soft Skills</b>      | Teamwork, Time Management, Adaptability |
| <b>Interests</b>        | Sports,Travelling                       |

## PROJECTS

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### Airplane Reservation System—C

- Developed a system with singly linked lists for storing user details, flights, bookings, and checking seat availability.
- Performs insertion and deletion at both ends of the linked list.

### AI-Based Text Summarizer —C

- Collaborated on an AI-Based Text Summarizer project, developing a web application that leverages TF-IDF and PageRank algorithms for efficient content processing, including automated title generation.
- Designed a Flask-powered backend with a user-friendly frontend, facilitating text summarization for academic, journalistic, and business purposes.

### Banking System —JavaSwings

- System allows users to perform common banking operations
- operations such as account creation,deposit,withdrawal,and balance inquiry,providing a user-friendly experience for managing personal finances.

### Bubble Sort Visualizer —C

- Developed a C program that uses ANSI escape codes to visualize the bubble sort algorithm with colored text.

### Proxy Server With Concurrency And Caching —Java

- Designed and implemented a Java-based proxy web server capable of handling concurrent client requests using thread pools, optimizing server scalability and performance in high-traffic scenarios.
- Integrated caching strategies to reduce server load, minimize latency, and improve data retrieval efficiency, achieving enhanced throughput and resource utilization