

# NIKSON NADAR

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## About Me

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Computer Engineering student with experience in software development, algorithm optimization, and web/mobile apps. Eager to apply technical skills and problem-solving to contribute to real world projects.

## Education

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### St. Francis Institute of Technology

*Bachelor of Engineering in Computer Engineering*

**Dec. 2021 – June 2025**

*CGPA : 9.652*

### St. Francis D'Assisi Junior College

*HSC (Maharashtra State Board)*

**July 2019 – June 2021**

*Percentage : 97%*

### St. Francis D'Assisi High School

*SSC (Maharashtra State Board)*

**June 2009 – July 2019**

*Percentage : 92.4%*

## Relevant Coursework

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- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Engineering
- Database Management
- Machine Learning
- Computer Architecture

## Projects

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### Speech Emotion Recognition | *LSTM, HTML, CSS, JavaScript, Flask*

**February 2024**

- Engineered a real-time speech emotion model using LSTM and Flask, reaching 92.11% accuracy on 12,000+ files.
- Built and integrated a web interface (HTML, CSS, JavaScript) for real-time emotion predictions, enhancing interaction.
- Led product research and data analysis, resulting in continuous product optimization and alignment with expectations of users and industry standards.

### Vehicle Rental Application | *Flutter, Dart, Java, Firebase*

**November 2023**

- Engineered a Vehicle Rental Application with a Flutter front-end and Firebase back-end, managing 100+ vehicle listings and real-time updates.
- Built a search algorithm for filtering vehicles by type, location, and availability, enhancing user interaction.
- Developed features for personalized recommendations and secure transactions, enhancing overall application performance and user engagement.

### Vehicle Rental Website | *HTML, CSS, JavaScript, SQL*

**May 2023**

- Developed a Vehicle Rental Website with HTML, CSS, and JavaScript, using MySQL for backend data management.
- Implemented a dynamic UI with flexible design elements, improving user navigation and interaction.
- Optimized vehicle search and booking features for efficiency and accuracy, elevating overall site performance.

## Technical Skills

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**Languages:** Python, C, HTML/CSS, JavaScript, Dart (Intermediate)

**Developer Tools:** VS Code, Eclipse, Android Studio

**Technologies/Frameworks:** Flutter, LSTM, GitHub, WordPress

**Databases:** Firebase, MySQL, MongoDB

**Other Skills:** Software Development, Algorithm Optimization, DSA

## Soft Skills

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Technical Communication, Team Collaboration, Strategic Leadership, Adaptable Learning, Problem-Solving Attention, Process Involvement.

## Areas of Interest

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- Product Development
- Machine Learning Algorithms
- Technical Problem Solving
- Software Engineering