

# NANDANA BALAKRISHNAN

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## CONTACT

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## TECHNICAL SKILLS

- Python
  - Java
  - HTML,CSS,JS
  - MS SQL
  - Artificial Intelligence
  - Machine Learning
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## EDUCATION

### Presidency University

Bachelor of Technology in Computer Science and Technology  
Specialization: Artificial Intelligence and Machine Learning

2022 - 2026

### Kendriya Vidyalaya Hebbal

- 12<sup>th</sup> Std  
2020 - 2022
  - 10th Std  
2019- 2020
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## SUMMARY

Dynamic and motivated final year B Tech student with strong skills in Python and Java programming, and a keen interest in Artificial Intelligence and Machine Learning with good problem-solving abilities, effective communication skills, and a friendly, positive attitude. Eager to apply technical knowledge to real-world projects, adapt in collaborative environments and contributing to team success.

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## PROJECTS

### Voice Gender Recognition System

May 2025

- Developed a voice-based gender classification system using Librosa for audio feature extraction and Scikit-learn for model training, achieving over 90% accuracy.
- Integrated the model into a user-friendly interface to enable real-time gender prediction from voice input.

### Fraud Detection System

May 2025

- Collaborated on building a fraud detection system using Python with Decision Trees and Random Forest to analyze e-commerce transactions and flag suspicious activity in real time.
- Integrated the system into a web application for merchants to easily monitor and review flagged transactions.

### Vibe Harmony

Apr 2025

- Created a responsive front-end music web app that suggests songs based on user mood, supporting multiple languages. Built using HTML, CSS, JavaScript, and Bootstrap, with a focus on clean UI/UX, smooth navigation, and mobile-friendly design.

### Personal Finance Management System

Jan 2024- May 2024

#### (using Firefly III)

- Developed a personal finance management system using Firefly III deployed on a Raspberry Pi to help users track income, expenses, and budgets securely and locally.

## CERTIFICATIONS

- Artificial Intelligence – Corizo  
Focused on Neural Networks, NLP, and Deep Learning fundamentals.
- Web Development – Corizo  
Gained hands-on experience in building responsive and interactive websites.
- Machine Learning – Corizo  
Acquired practical knowledge of core algorithms and model-building techniques.
- Deep Learning for Natural Language Processing – NPTEL
- Full Stack Development Intern - NextAfield  
June16, 2025 - Sept 16, 2025
- MS SQL - Intellipaat