NANDANA BALAKRISHNAN

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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.

TECHNICAL SKILLS

Python	Artificial Intelligence	CSS
Java	Machine Learning	JS
MS SQL	HTML	

PROJECTS

Voice Gender Recognition System   **May 2025**

- Built a voice-based gender classification model using Librosa for feature extraction and Scikit-learn for training, achieving over 90% accuracy.
- Integrated into a user-friendly interface for real-time voice-based prediction.

Fraud Detection System   **May 2025**

- Developed a fraud detection model using Decision Trees and Random Forest algorithms to identify suspicious e-commerce transactions.
- Deployed as a web-based analytics tool to help merchants monitor and prevent fraud in real time.

Vibe Harmony   **April 2025**

- Designed a responsive music web app recommending songs based on user mood.
- Implemented using HTML, CSS, JavaScript, and Bootstrap, ensuring smooth UX and mobile compatibility.

Personal Finance Management System (using Firefly III)   **Jan 2024- May 2024**

- Created a finance management system using Firefly III, deployed on a Raspberry Pi for secure, local tracking of income, expenses, and budgets.

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 to Sept 16, 2025
- MS SQL, Intellipaat

EDUCATION

Presidency University   **Aug 2022 - Aug 2026**

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

Kendriya Vidyalaya, Hebbal   **Apr 2019 - Mar 2022**

- Intermediate
- 10th Std