

Adithya Nair

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SUMMARY

I am a passionate and driven student with a strong foundation in Java, Python, and Machine Learning. With a deep interest in solving real-world problems, I strive to build technology that is both practical and impactful. My project experience spans audio processing, edtech, and recommendation systems, reflecting a clear focus on creating human-centered solutions. I bring a problem-solving mindset, a collaborative spirit, and a positive, perseverant attitude that fuels my drive to keep learning and building with purpose.

EDUCATION

RNS Institute of Technology

Bachelor of Engineering in Computer Science

Dec 2022 – July 2026

CGPA: 8.96 (till 5th Sem)

Hill Top School

ISC Grade 12

June 2022

Percentage: 95%

Hill Top School

ICSE Grade 10

May 2020

Percentage: 90%

PROJECTS

Story Pals | *Ollama, Flutter*

- An interactive storytelling platform that engages children with AI-driven conversations, fostering learning, creativity, and emotional development.
- Integrated built-in parental controls and monitoring features, ensuring a safe and trustworthy environment for both children and parents.

Audio Separator | *Flask, Spleeter, Demucs*

- Created a tool for separating vocals and instrumentals from audio files using deep learning models like Demucs.
- Built a simple interface for karaoke generation.

COURSES & CERTIFICATIONS

- Microsoft Azure Fundamentals
- Quantum Algorithms and Cryptography
- Introduction to Pytorch for Deep Learning
- Machine Learning Foundation

TECHNICAL SKILLS

Languages: Java, Python, C++, SQL

Frameworks: Flask, React.js