ADITH NARAYAN G

adithnarayang@gmail.com| 8667551678

Github | LinkedIn

Education

Amrita Vishwa Vidyapeetham — Aug 2023 - May 2027
B.Tech. Computer Science & Engineering — ***CGPA:8.94/10***

Amrita Vishwa Vidyapeetham — Aug 2024 - May 2027
B.Tech. Internet of things (Minor) — ***CGPA:9.5/10***

The Ashok Leyland School — Jun 2020 - April 2023
Senior Secondary — ***Grade: 93.8%***
Secondary — ***Grade: 94.6%***

Technical Skills

- **Programming Languages:**
  - Python, C/C++, Java, Haskell, Bash, HTML, CSS, JavaScript
- **FrameWorks & Libraries**
  - ReactJS, TailWindCSS, NextJS, Flask, mySQL, socket Programming, NumPY, Pandas, NLTK
  - Embedded Systems: STM32, arduino-Uno, ESP32
- **Design & prototyping Tools:**
  - Figma, Canva, Blender (3D designing)
- **Devolopment Tools**:
  - Git/GitHub

Work Experience

Product Development Intern (software) — Axiatix Consulting Services — **May 2025 - Jun 2025**

- Developed backend services with Flask and cross-platform apps using Flutter, employing Agile methodologies.
- Worked with Artificial Intelligence tools like PyTorch & integrated LLMs/RAG pipelines for intelligent features, architecture visualization, and model development.
- Contributed to Axiatix's responsive homepage with NextJS

SDE Intern - Qualitrix — **Apr 2025 - Jun 2025**

- Collaborated with the Marketing team to improve outreach strategies and proposed Hackathon initiatives, while designing a responsive ReactJs website that enhanced event visibility and user engagement, focusing on innovation and overall digital transformation.

Projects

Interactive Web App – Gokulashtami Navarasa (2025) — **Jul 2025 - Aug 2025**

- Developed a web app with QR-based zone navigation and multilingual audio guides (4 languages) to bring the Navarasa theme alive for a 500m campus cultural event, Using industrial Standard frameworks
- Features included forward/back navigation, immersive storytelling, and inclusive design for diverse audiences.
- Tech stack: NextJS, tailWindCSS, Vercel deployment.

HamNoSys Generator (In progress) — **Aug 2025**

- Developing a mobile application using Flutter to generate and visualize HamNoSys (Hamburg Notation System) symbols for sign language transcription, focusing on automation & intuitive visualization to bridge the gap between sign language research and real-world accessibility
- Designed with structured .dart pages for scalability and easy maintainability.
- Implements interactive UI for symbol selection and notation generation (work in progress).

Binary Decision Diagram Model — **Aug 2024 - Oct 2024**

- Developed an efficient Binary Decision Diagram (BDD) for boolean function representation and utilizing Python/C++ for optimization.
- Implemented algorithms for BDD construction, reduction, and manipulation to improve computational efficiency in logic synthesis and verification.
- Input can either be a CSV file containing the truth table or logical expression that needs to be simplified and is verified to give an accurate result