ANVITHA

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EDUCATION

Manipal Institute of Technology   **2025- Present**
Master of Technology (MTech) in Computer Science and Engineering (Data Sciences)   Manipal, Karnataka

Maharaja Institute of Technology, Mysore   **2021- 2025**
Bachelor of Engineering (B.E.) in Information Science Engineering - **CGPA: 8.89/10.**   Mysore, Karnataka

Kendriya Vidyalaya, Mysore (CBSE)   **2021**
PCMC | Percentage: **84.6**   Mysore, Karnataka

Kendriya Vidyalaya, Mysore **(CBSE)**   **2019**
Class 10 | Percentage: **80.4**   Mysore, Karnataka

EXPERIENCE

SOUTH WESTERN RAILWAY, MYSORE   Mysore, Karnataka
Web Development Intern   November 2023

- Acquired practical experience in front-end development using HTML, CSS, JavaScript, and Bootstrap to build responsive user interfaces.
- Collaborated with a team of professionals to design and deploy a web-based application for monitoring staff movements in real time.
- Contributed to improving organizational transparency and operational efficiency through effective UI/UX design and functional integration.

PROJECTS

1. **Real-Time Object Detection and Audio Feedback for the Visually Impaired | *Final Year, 2025***
   - Developed an Android app using YOLOv8 and CNN for real-time object and currency detection with audio output.
   - Integrated OCR and Text-to-Speech (TTS) for reading printed text, featuring an intuitive gesture-based interface for accessibility.
2. **Text-to-Voice Translator | *Aug 2024***
   - Built an application to convert handwritten or printed text into spoken language using OCR, Neural Machine Translation (NMT), and gTTS.
3. **Student Attendance Management System | *Mar 2024***
   - Designed a web-based attendance tracker using PHP, MySQL, and HTML/CSS, with data validation and submission through a Web API (XAMPP).
4. **E-commerce Website Testing**
   - Automated testing of an e-commerce platform across browsers, validating functionality, UI consistency, and performance.

PUBLICATIONS

SKILLS

- **Technical Skills:** C, Java, Python, MySQL
- **Tools and Technologies:** Git and GitHub, Django, Flask, Power BI Frameworks
- **Web Development Tools:** HTML, CSS, JavaScript