

# AITHA PRANITH

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[in aitha-pranith](#) | [G aitha-pranith](#)

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## OBJECTIVE

Aspiring software developer with enthusiasm to utilize technology for developing creative solutions to complex problems. Rapidly adaptable and an efficient learner capable of embracing emerging technologies and shifting paradigms. Driven, self-motivated and dedicated to ongoing learning and excellence in all pursuits

## EDUCATION

- **Vellore Institute of Technology** 2021- present  
*Integrated Mtech(Software Engineering)*  
◦ CGPA: 8.27  
Vellore,India
- **Siddarth Adarsha Junior College** 2021  
*Intermediate*  
◦ Grade: 94.2%  
Medak,India
- **Siddarth Model High School** 2019  
*Secondary Education*  
◦ GPA: 9.5  
Medak,India

## TECHNICAL SKILLS

- **Programming Languages:** Java,Python,C,C++,SQL
- **Software Skills:** SDLC , Agile , Software Testing,Firmware debugging and test automation
- **Web Technologies:** HTML,CSS,Java Script,Express,React,NodeJs
- **Database Systems:** Mongo DB,MySQL
- **Cloud Technologies:** AWS - cloud Foundational
- **Software Tools:** Jupyter,VS Code,Jira,Git,Selenium
- **Networking Tools:** Wireshark
- **Others:** Data Structures Algorithms, Computer Networks,Operating Systems,OOPS,Machine Learning

## PROJECTS

- **HOUSE HUNT USING MERN FULL STACK** June - July 2024  
*Tools: [Mongo Db,Express,React,NodeJs,HTML,CSS,Java Script]* [\[G\]](#)  
◦ Designed both backend and frontend aspects of the application using JavaScript technologies such as Node.js and React; minimized the load time by lowering server response time for smooth interaction.  
◦ Technologies Used: JavaScript, Node.js, Express.js, MongoDB, HTML, CSS
- **SMARTBIN SOLUTIONS** Jan - April 2024  
*Tools: [Ardino,ServerMotor,Python,Arduino IDE]* [\[G\]](#)  
◦ A SmartBin System uses IoT sensors to monitor waste levels and send real-time alerts via Wi-Fi, LoRa, or GSM. It helps optimize waste collection, prevent overflow, and improve hygiene.  
◦ Technologies Used: Python,Ardino IDE,Teachable Machine
- **EMOTION BASED MUSIC RECOMMENDATION SYSTEM** Jan - Feb 2025  
*Tools: [python,Tenser flow,Open cv]* [\[G\]](#)  
◦ Designed and implemented an innovative Emotion-Based Music Recommendation System which contributesto a more engaging and tailored music experience.  
◦ Technologies Used:Machine Learning & AI,Emotion Detection,Music Recommendation

## LEADERSHIP AND RESPONSIBILITIES

- **STUDENT COORDINATOR** September 2023  
*GRAVITAS - 2023* [\[G\]](#)  
◦ Assisted in planning and structuring the event timeline  
◦ Facilitated the timely coordination of multiple volunteers with heterogeneous backgrounds, providing explicit role division that resulted in efficient operations on the day and saving setup time by a phenomenal two hours.  
◦ Skills developed or applied during this experience

## CERTIFICATIONS

- **AWS Certified Cloud Practitioner** February 2025
- **Salesforce AI Specialist** January 2025
- **Microsoft Azure AI Fundamentals** July 2024
- **Oracle Cloud Infrastructure Generative AI** July 2024
- **MERN Full Stack Developer** August 2024