

# KRITHIKA.S

## CONTACT

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## EDUCATION

### AGNI COLLEGE OF TECHNOLOGY

2022-2026

- BE-Electronics and Communication Engineering with CGPA-8.1

### ZION SCHOOL (MBM)

- HSC - 73% (2022)
- SSLC - 74% (2020)

## SKILLS

### TECHNICAL SKILL

- Programming: Python, Java
- Web tech: HTML, CSS, JavaScript
- Database: SQL

### SOFT SKILL

- Persistence
- Teamwork
- Communication
- Cultural Awareness

## LANGUAGES

- English : Fluent
- Tamil : Fluent
- Thai : Basic

## CAREER OBJECTIVES

- Aspiring tech professional with skills in Java full stack development and hardware fundamentals, eager to build smart solutions and grow within an organization.
- Always ready to take on new challenges with a positive attitude. A creative thinker passionate about turning ideas into action.

## CERTIFICATIONS

- Python programming : Skillrack(2023)
- C programming : Skillrack(2023)
- UI developer course : Infosys

## INTERNSHIP

- C++ Programming Intern – InternPe (2023, 4 weeks)
- Java Full Stack Training
  1. Currently undergoing Java full Stack Development training
  2. Building real-time web applications and learning end-to-end development

## PROJECTS

### 1. Text-to-Speech Converter (TTS)

- Developed using Arduino and speech synthesis module
- Converts text input into voice output
- Demonstrates embedded systems and hardware integration

### 2. Garbage Bin Level Detection (Simulation)

- Designed a smart waste management system using IoT sensors
- Detects garbage levels and sends alerts when full
- Improves efficiency in waste collection

### 3. Automation of Sales Order Processing

- Automated order entry and validation process
- Reduced manual errors and improved processing speed
- Enabled faster order confirmation and invoicing

### 4. Mind has a Password

- Developed a user authentication system using EEG brain signals
- Used Arduino for signal processing and password generation
- Built a low-cost and secure biometric authentication solution