

# LIKTHITH GOWDA S

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## Skills

**Programming Languages:** Java, Python, C, JavaScript

**Frontend:** HTML, CSS, Reactjs

**Backend:** Flask

**Databases:** MySQL, Firebase, MongoDB

**Core subjects:** OS, DBMS, OOPS, DSA, Computer Networks

## Projects

### Sign Language Classification with IoT Emergency Alert

Aug 2025 – Present

**Technologies Used:** Python, Tkinter, OpenCV, TensorFlow, MediaPipe, ESP32, GSM

- Developed a real-time sign language recognition system using **CNN and MediaPipe**, converting gestures into text and voice.
- Built a **Tkinter GUI** for easy dataset collection, model training, live prediction, and multilingual translation.
- Integrated an **ESP32-based IoT module** to trigger **emergency SMS alerts** for user-defined gestures.

### Railway Reservation System

Sep 2024 – Jan 2025

**Technologies Used:** PHP, MySQL, HTML, CSS, JavaScript

- Developed a web-based railway reservation system enabling users to **book, cancel, and view tickets** efficiently.
- Implemented **user authentication, seat availability management, and booking logic** using PHP and MySQL.
- Designed responsive frontend interfaces with HTML, CSS, and JavaScript for better user experience.

## Internship

### Full Stack Developer Intern – TAP Academy

Jan 2026 – Present

- Gaining hands-on experience in **Full Stack Development** using Java and Python.
- Learning **front-end technologies: HTML, CSS, JavaScript**.
- Understanding database fundamentals and web application concepts, with back-end development training planned.

## Certifications

- Participated in hackathons hosted by **NITK, Surathkal** and **P.E.S, Mandya**, gaining hands-on experience in coding, teamwork, and software development challenges.
- Completed ‘**Programming in Java**’ certification under **NPTEL**, gaining proficiency in Java programming and core concepts of object-oriented development.
- Completed ‘**100 Days of Code in Python**’ course on **Udemy**, strengthening Python programming skills through daily hands-on coding exercises and projects.

## Education

### BGS Institute of Technology

B.E in Computer Science and Engineering, CGPA: 8.7

Nov 2022 – Jul 2026

Mandya, India

### Aradhana PU College

PCMB, Percentage: 89%

Jun 2020 – Jun 2022

Mandya, India