

J Keerthana

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SUMMARY

Aspiring software developer with a strong interest in Java programming and foundational knowledge of Data Structures, OOP concepts, and basic web technologies like HTML. Comfortable working with tools like VS Code, Git (basic), and Eclipse. Currently focused on strengthening Dsa.

EDUCATION

Bangalore institute of technology - VTU <i>B.Tech/B.E – Information Science and Engineering/CSE Stream; CGPA 8.5</i>	Bangalore, India 2023 - 2027
New Sri Chaitanya PU college – Karnataka State Board <i>12th; Aggregate 84.1</i>	India 2022 - 2023
Dream World School - CBSE <i>10th; Aggregate 80.6</i>	India 2020 - 2021

TECHNICAL SKILLS

Programming Languages: C, Python, Java, DSA (Basic → Intermediate)

Web Technologies: HTML (Basic)

Databases & Tools: Git & GitHub (Version control and project hosting), VS Code, Eclipse, Web Hosting (Render, ProFreeHost, GitHub Pages), Oracle SQL

Concepts: OOPs, DBMS, Operating Systems

Other Skills / Experience: GUI Development with Java Swing, API integration (Murf API for text-to-speech, AssemblyAI for speech-to-text), Basic project deployment

PROJECTS

1. Notepad Text Editor (Java Swing)

Tech Stack: Java, Swing

- Built a simple Notepad-like desktop application using Java Swing.
- Features include writing, editing, and saving text files.
- Learned about basic GUI design, menu bars, and file handling in Java.
- [\[View Project on GitHub\]](https://github.com/keerthana12hv/Java-Notepad) (<https://github.com/keerthana12hv/Java-Notepad>)

2. MurfAPI Text-to-Speech Web App

Tech Stack: Python, FastAPI, Murf API, AssemblyAI, Streamlit/HTML, Render

- Built a web application that converts text to speech using Murf API.
- Features include voice selection, audio playback, and Echo Bot for interactive voice responses.
- Implemented server-side transcription using AssemblyAI for speech-to-text functionality.
- Deployed online for public access.
- [\[Visit Live Website\]](https://murf-ai-voice-tools.onrender.com) (<https://murf-ai-voice-tools.onrender.com>)

3. Portfolio Website (HTML/CSS)

Tech Stack: HTML5, CSS3, GitHub Pages

- Designed and developed a personal portfolio website to showcase skills, resume, and projects.
- Implemented a responsive layout using Flexbox and CSS Grid.
- Added smooth animations and interactive UI elements.
- Hosted using GitHub Pages with a custom domain.
- [\[Visit Live Website\]](https://keerthana12hv.github.io/keerthana-portfolio) (<https://keerthana12hv.github.io/keerthana-portfolio>)

ACHIEVEMENTS

[View All Certificates](#)

- Completed **Java Programming Fundamentals** – Infosys Springboard (32-hour course)
- Attended a **one-day AWS Workshop** at college (2024)