

### TECHNICAL PROFICIENCY

- **Programming Languages:** Java, Python, C++(basics), C , JavaScript
- **Frameworks & Libraries:** ReactJS, ExpressJS, NodeJS, TailwindCSS, SASS, MaterialUI, shadcn, FramerMotion
- **Databases & Technologies:** MySQL, MongoDB
- **Tools:** VScode, Git, GitHub, WordPress
- **Designing Tools:** Figma, Illustrator, Canva, Photoshop(Basics)

### PERSONAL PROJECTS

#### TALKIFY

Jan 2025 - Present

**TECH STACK:** ReactJS, MongoDB, NodeJS, Socket.IO

- A Web Based Chat Application
- Developing a Full Stack Application using MERN stack and SOCKET.IO. Trying to Implement Functionalities like Group Chats, Media Sharing (Small Files), Scheduled Messages.

#### NOT-TUBE

Jul 2024 - Aug 2024

**TECH STACK:** ReactJS, TailWindCSS, FireBase, Redux, Youtube-Data API

- A Cloned site inspired by youtube design
- Developed a front-end web application that mimics the user-friendly interface of YouTube. An User can like videos, search videos by category, subscribe, etc..

### CONTRIBUTED PROJECTS

#### Speech-to-Blog

Oct 2024 - Dec 2024

**TECH STACK:** WhisperAPI, NLTK, LED, SciPy, PyTorch

- Developed a system to convert speech to a blog post with headings and paragraphs.
- This system uses OpenAI Whisper for speech-to-text, LED for paragraph generation, a heading generator and a paragraph splitter to achieve this. Optimized processes to ensure efficient and real-time speech recognition

#### Python-to-CPP

Oct 2024 - Nov 2024

**TECH STACK:** Lex, Yacc, C++

- Converts Python's indentation-based structure into C++'s brace-based syntax
- Developed a Python-to-Cpp code converter that translates Python code into its equivalent C++ syntax. Done using lexical analysis and parsing for syntax conversion, handling constructs like loops, conditionals, and functions.

### POSITIONS OF RESPONSIBILITY

#### Student Organizer

Jan 2025 - Present

- Selected as Event Organizer in Arts Society of CEG

#### Student Organizer

Nov 2024 - Present

- Selected as Technical Operations Organizer in CEG Tech Forum

#### Deputy Head

July 2024 - Present

- Selected as Deputy Head of HR & Logistics in Computer Society of Anna University

#### Deputy Director

May 2024 - Present

- Promoted as Deputy Director of HR in ACM - Student Chapter of CEG

### EDUCATION

**B.E CSE** - (CGPA 8.87)

Anna University

10/2022 - Present

**HSC** - (Percentage - 98.6%)

SRKV MHSS

04/2021 - 05/2022

### CERTIFICATIONS

#### COURSERA

Business Analytics using Excel  
Ongoing

#### UDEMY

Data Structures Using JAVA  
Issued in JULY 2024

#### UDEMY

Full Stack Web Development  
Issued in MAY 2024

### SKILLS

- Problem Solving
- Research & Analysis
- Documentation
- Collaboration
- Time Management

### SOFT SKILLS

- Empathetic
- Attention to Detail
- Adaptability
- Creativity

### HOBBIES

- Photography
- Playing Chess
- Reading Articles
- Solving Rubik's Cube

### LANGUAGES

- English
- Tamil
- Hindi (Basic Fluency)