# ABHIPRIYA PEDASINGU

## B.Tech Computer Science Engineering Student

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## SUMMARY

I am a motivated and dedicated B.Tech Computer Science Engineering student focused on developing my skills in programming and cloud technologies. With certifications in Cloud Fundamentals and Data Analytics, I actively pursue opportunities for continuous learning. I'm passionate about teamwork and adaptability, and I aim to contribute effectively to any organization I join.

## EDUCATION

### B.Tech in Computer Science Engineering

**Swarnandhra College of Engineering & Technology**

📅 08/2020 - 04/2024  📍 Sitarampuram

### Intermediate in MPC

**Sri Chaitanya Junior College**

📅 06/2018 - 06/2020  📍 Razole

### Secondary School

**Vignan English Medium School**

📅 06/2017 - 03/2018  📍 Malikipuram

## CERTIFICATION

**AICTE: Cloud Fundamentals, Data Analytics**

Completed certification under CISCO Networking Academy, focusing on Cloud Fundamentals and Data Analytics.

**APSCHE: Cloud Architecture, Machine Learning**

Completed certification under APSCHE's supervision, focusing on Architecture and Machine Learning.

## LANGUAGES

**English**
Proficient  ●●●●○

**Hindi**
Advanced  ●●●○○

## EXPERIENCE

### Traniee

**BAtalks Pvt Ltd.**

📅 09/2024 - 12/2024  📍 Hyderabad, India

- Gained hands-on experience as a Full Stack Developer, managing both frontend and backend development of the Voice Memorize project.
- Developed the Voice Memorize application tailored for CA students, focusing on enhancing their learning experience through voice-based features.
- Ensured responsive design across multiple devices to cater to a diverse user base.
- Built a robust backend infrastructure to handle data storage, voice features, and user management efficiently.
- Utilized modern web technologies like HTML, CSS, JavaScript, and backend frameworks for development.
- Received positive feedback for the application's effectiveness.

## STRENGTHS

⭐ **Teamwork**

Demonstrates strong teamwork and flexibility, effectively adapting to group dynamics.

⭐ **Time Management**

Possesses good time management skills and adjusts well as a team player.

## SKILLS

HTML  Java  Python  Flask

MySql  Git  CSS

## PROJECTS

### Enabling Efficient, Secure and Privacy-Preserving Mobile Cloud Storage

- Develop a mobile cloud storage system that prioritizes efficiency, security, and privacy, addressing the challenges of data confidentiality, user anonymity, and resource constraints on mobile devices.
- **End-to-End Encryption**: Ensures data confidentiality during transfer and storage.
- **Access Control**: Implements role-based and attribute-based permissions.
- **Privacy Technologies**: Uses differential privacy and homomorphic encryption.
- **Mobile Client**: Handles local encryption, decryption, and file management.
- **Cloud Server**: Provides scalable storage with redundancy and secure access.

## PASSIONS

⭐ **Extracurricular Activities**

Enjoys traveling, engaging in dance, and creative drawing.

## TRAINING / COURSES

**Cloud Fundamentals internship**

Completed a Cloud Fundamentals internship, gaining foundational knowledge of cloud computing technologies and practices.

**Mobile Application Development**

Skilled in Mobile Application Development, creating functional and diverse Android apps.