Bashaveni Sahithya

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EDUCATION

SR University	2022 – 2026
B.Tech in Computer Science	*Warangal, India*

· CGPA: 8.0/10

EXPERIENCE

CloudVeto Technologies (OPC) Pvt. Ltd.	May – Jul 2024
Intern – Machine Learning	*Hyderabad, India*

· Implemented a *Handwritten Number Recognition* pipeline using ML/DL; optimized accuracy through preprocessing and hyperparameter tuning.

INTERNSHIPS

AICTE Virtual Internship (AI–ML)	Apr – Jun 2024
Google Developers Program	*Remote, India*

· Gained hands-on experience with supervised/unsupervised ML algorithms, data preprocessing, and model deployment.

AICTE Virtual Internship (AWS Cloud Foundations / Data Engineering)	Jul – Sep 2024
AWS Platform	*Remote, India*

· Worked on AWS-based ETL pipelines, S3 storage, and data engineering workflows.

PROJECTS

Gender Classification from Voice	Machine Learning

· Built a machine learning model to classify speakers as male (85–180 Hz) or female (165–255 Hz) using MFCC, spectral, and pitch features.
· Preprocessed audio data, extracted features, and trained the model for high accuracy.

Voice Authenticity Detection	Machine Learning

· Developed a Quantum Convolutional Neural Network (QCNN) to detect genuine vs. spoofed (deepfake/recorded) voices using MFCCs, spectral contrast, and temporal features.
· Applied to security use cases such as fraud prevention and speaker verification.

TECHNICAL SKILLS

Programming	C, Java, Python
Databases	SQL
Web Programming	HTML
Other Skills	Machine Learning
Coursework	DSA, Object Oriented Programming, Design and Analysis of Algorithms

CERTIFICATIONS & ACHIEVEMENTS

- Introduction to Networks — CISCO
- Theory of Computation — NPTEL
- Introduction to Cloud — AWS Academy
- Microsoft Azure AI Fundamentals