EDUCATION

BACHELOR OF TECHNOLOGY, CSE
AUG 2019 – MAY 2023   CPI: 7.61
IIIT DHARWAD, KA, IN

BIEAP, 12th
AUG 2016 – MAR 2018   90.75 %
VIJAYAWADA, AP, IN

CBSE
MAR 2016   GPA: 8/10
SRIHARIKOTA, AP, IN

SKILLS

C/C++, Python, SQL, JavaScript, Solidity, HTML, CSS, Flask, AWS.

COURSE WORK

Data Structures and Algorithms
Object Oriented Programming
Machine Learning
Database Management Systems
Blockchain Technology
Cloud Computing
Operating Systems
Computer Networks
Software Engineering.

CONTACTS

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LANGUAGES

English, Hindi, Telugu.

VENKATA RAMANA SANIBOYINA

EXPERIENCE

INTERN AT HUMANOID.AI LAB, IIIT DHARWAD
JUL 2021 – APR 2022
Funded Project tied up with the TiHAN-IITH, Invento Robotics to improve the Autonomous Navigating Humanoid project (Mitra).

- I worked on Google Dialogflow NLU for Mitra.
- We worked on developing a Data Collection Webapp for collecting speech Data and required metadata to improve the performance of the humanoid.
- I worked on building an automatic speech recognition system in Hindi language for the humanoid.

PROJECTS

DATA MINING ON U.S. LIVE BIRTH DATA

- **Tech:** Python, Machine Learning.
- We are developing an effective framework for mining useful patterns from U.S Live Birth dataset.
- We are using state of the art Association Rule Mining (ARM) algorithms Apriori, FP Growth and Eclat.

AUTOMATIC SPEECH RECOGNITION SYSTEM IN HINDI

- **Tech:** Python, Node.js. Machine Learning.
- We developed a speech module using wave2vec and integrated it into a web application, which converts speech to text for the Hindi language.
- The model achieved 8.56 WER with language model and 14.33 WER without using a language model. (IITM ASR challenge dataset)

BLOCKCHAIN NFT MARKETPLACE

- **Tech:** Ethereum, solidity, hardhat, Next.js, React
- Built a DApp for buying and selling NFTS using Ethereum cryptocurrency.

ONLINE FOOD DELIVERY WEBSITE

- **Tech:** Html/CSS, JavaScript, Node.js, MongoDB, Stripe.
- We built a Full stack web app where users can order Food online and pay online with real time

ADDITIONAL

WORKSHOP FACILITATOR – BLOCKCHAIN: BITCOIN, NFTS AND DAPPS

- PES University, Bangalore, Karnataka.   JUL 2022
- RV Institute of Technology and Management   APR 2022