

### EDUCATION

**Master's in Data Science**, Indiana University Bloomington

May 2023

**Bachelor of Tech in Computer Science**, Sreenidhi Institute of Science and Technology (SNIST), CGPA: 9.58/10.00

May 2020

### SKILLS

**Languages:** Native in Telugu, Fluent in Hindi and English.  
**Machine Learning:** NumPy, Pandas, Scikit-learn, NLTK, spaCy, Plotly.  
**ML Algorithms** KNN, Linear Regression, Logistic Regression, Decision Trees, Random Forests, XGBoost, PCA, t-SNE, Bayesian Inference.  
**Programming Languages:** Python, Java, C, C++, JavaScript (Angular, React, Node), SQL.  
**Current Coursework:** Elements of AI, Introduction to Statistics, Applied Machine Learning.  
**Apps/Frameworks/OS:** Atlassian, Git, Dash (by Plotly), Android Studio, Microsoft Office, Postman, Windows, Mac, Linux.  
**Certifications:** 'Machine Learning' on Coursera - Andrew NG. | 'Problem Solving through Programming in C' on NPTEL. | 'Algorithmic Toolbox' on Coursera. | 'The Complete Android O Developer Course' on Udemy.

### EXPERIENCE

#### Full Stack Development Analyst

Sep 2020 — Apr 2021

Accenture Solutions Pvt. Ltd.

Hyderabad, WFH

- Streamlined a MEAN stack application for an analytics platform to automate reporting jobs.
- Studied and implemented Full Stack Web Technologies such as MongoDB, Node.js, Express, Angular.js, and React.js.
- Developed a POC REST API using Node.js (JSON) and accessed it in a React app using Axios.
- Utilized Spring MVC for developing a web application framework and JSP for web page rendering.

#### Software Development Intern

Jan 2020 — Jun 2020

WebileApps Pvt. Ltd.

Hybrid Internship

- Remodeled a Java-based Android application to minimize bugs and follow MVVM architecture.
- Streamlined the communication for the above application using REST API (Retrofit2 and GSON).
- Developed a POC app for OCR and Image Recognition using Android SDKs to automate manual transcribing of pages.
- Engineered a website using Spring Boot and PostgreSQL from the ground up.

#### AI Intern

Jun 2019 — Jul 2019

Sentritec Software Solutions (OPC).

Remote Internship

- Assisted in the development of a dashboard application using Python.
- Made the dashboards human-readable and created documentation.

#### App Developer Intern

May 2018 — Jun 2018

Youth Empowerment Foundation

Remote Internship

- Prototyped Soft Skills app and YEF app.
- Apps were written in Android Studio using Java and XML.

### PROJECTS

#### Sentiment Analysis of YouTube Comments

Jan 2020 — Apr 2020

- A sentiment analysis model, developed using NLP techniques such as Stemming, tokenization, Word2Vec, and a Logistic Regressor.
- Has an accuracy of 78% over novel data.

#### Data Explorer

Feb 2019 — May 2019

- An application which allows the user to read and clean a relational dataset, build plots off the dataset and allows the user to select the features and the ML algorithm based on the plot info. Developed using Dash by Plotly.

#### Similar Sentence Finder

May 2018 — Jun 2018

- Data obtained using web scraping from The Hindu (news media) website.
- Checks for a similar sentence in the article using cosine similarity.

#### Crypto Converter

Apr 2017 – May 2017

- An application which retrieves the JSON data from the web and shows the results with the help of a RecyclerView.

### ACTIVITIES (LEADERSHIP) EXPERIENCE

**Technical Head** at the Emerging Computer's Arena (ECA) club at SNIST.

**Mentored and coached** peers in Android app development.

**Co-organized** programming challenges at the ECA club, SNIST.