

# ALLU VENKATA SRIRAM

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## EDUCATION

### S.R.K.R Engineering College

B.Tech (AIDS), CGPA - 9.52\*

Bhimavaram, India

Expected Apr 2025

### Sri Chaitanya Junior College

Higher Secondary, Percentage - 97.7%

Vijayawada, India

Jun 2019 - Apr 2021

## EXPERIENCE

### Data Science Intern

Nov 2023 - Dec 2023

Bharat Intern

- Acquired practical skills in Data Science and Machine Learning by building ML Models using suitable algorithms.
- Crafted Machine Learning Models for Message Classification and Titanic Classification, achieving an accuracy of **98%** and **90%** respectively.

### AWS Cloud Intern

Jul 2023 - Sep 2023

Blackbucks Group

- As an AWS Intern, Deployed and Managed Cloud Infrastructure using services like VPC, EC2, S3, RDS, SNS, and CloudWatch.
- Collaborated with a team to design and implement a **12-tier AWS architecture**, improving system scalability.

## TECHNICAL SKILLS

### Programming Languages

Python, C, JavaScript, Java (Basics)

### Frontend Technologies

HTML, CSS, React.js, TailwindCSS, DaisyUI

### Backend Technologies

Node.js, Express.js, MongoDB, SQL

### Libraries

Pandas, NumPy, Matplotlib, Scikit-learn

### Cloud Platforms

Amazon Web Services (AWS), Google Cloud Platform (GCP) (Foundations)

## PROJECTS

### CodeVerse. | ReactJs , Gemini API , Piston API , TailwindCSS , DaisyUI

May 2024 - Jun 2024

- Developed a **Gemini AI** - enhanced editor with dual interfaces for web development and programming.
- Engineered local storage to retain user code across browser refreshes, boosting workflow efficiency by **25%**.
- Project Link: <https://codeverseapp.vercel.app/> (Github)

### TextClassify. | Machine Learning , Pytesseract , Pillow , Scikit-learn , Streamlit

Nov 2023 - Dec 2023

- Developed a Machine Learning model with **98%** accuracy for classifying messages as Spam or Non-Spam.
- The model supports both text and image inputs for efficient and accurate classification.
- Project Link: <https://textclassify.streamlit.app/> (Github)

### Multi-Tier AWS Architect (12-Tier). | AWS : VPC , EC2 , RDS , S3 , SNS

Jul 2023 - Sep 2023

- Implemented a **12-tier architecture** with three different architectures across three distinct regions.
- Leveraged VPC, EC2, S3, RDS, and SNS for cloud management, improving operational efficiency by **15%**.
- Github: <https://github.com/SriramAllu13/AWS-12-Tier-Architecture>

## ACHIEVEMENTS

- Honored with **Academic Excellence Award** for the years 2021-22 and 2022-23 by SRKR Engineering College.
- Completed **Google Cloud Computing Foundations** through Google Cloud Skills Boost, receiving **Badges and Swags** as recognition - Dec 2023.
- Achieved NPTEL certification in **Data Structures and Algorithms using Java** with a Score of **88%**, ranking in the **Top 2%** - Nov 2023.
- Completed an **AICTE virtual internship** in Machine Learning and received certification - Nov 2023.
- Secured 1st place in a Coding Quiz Contest at the **ARAMBH** event held within the college - Feb 2022.