

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 expertise in Data Science and Machine Learning by building ML models using algorithms such as Random Forest.
- 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**, enhancing system scalability and performance.

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 Consecutive Academic 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.