ALLU VENKATA SRIRAM

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EDUCATION

S.R.K.R Engineering College   Bhimavaram, India
B.Tech (AIDS), CGPA - 9.52*   Sep 2021 - Apr 2025

Sri Chaitanya Junior College   Vijayawada, India
Higher Secondary, Percentage - 97.7%   Jun 2019 - Apr 2021

EXPERIENCE

AWS Cloud Intern - Blackbucks Group   Jul 2023 - Sep 2023

- As an AWS Intern , gained hands-on experience deploying and managing cloud infrastructure using services like VPC, EC2, S3, RDS.
- Designed an **12-tier AWS Cloud architecture** and demonstrated effective teamwork.

Data Science Intern - Bharat Intern   Nov 2023 - Dec 2023

- Acquired practical skills in crafting and launching a Machine Learning model employing suitable algorithms.
- Crafted Machine Learning Models for Message Classification and Titanic Classification , achieving an accuracy of **98%** and **90%** respectively.

TECHNICAL SKILLS

Programming Languages	Python, Java, C, C++, MATLAB (Basics)
Frontend Technologies	HTML, CSS, JavaScript, React.js, Tailwind CSS, 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

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. Services used include VPC, EC2, S3, RDS. Github: https://github.com/SriramAllu13/AWS-12-Tier-Architecture

TextClassify. | Machine Learning , Pytesseract , Pillow , Scikit-learn , Streamlit   Nov 2023 - Dec 2023
Developed a ML model with **98%** accuracy for classifying messages as spam or Non-spam. The model can process both text and images as input for classification. Project Link: https://textclassify.streamlit.app/ (Github)

CodeVerse. | ReactJs , Gemini API , Piston API , TailwindCSS , DaisyUI   May 2024 - Jun 2024
Developed an **Gemini AI** - enhanced editor , supporting both web dev and programming. Engineered local storage to preserve user code through browser refreshes. Project Link: https://codeverseapp.vercel.app/ (Github)

ACHIEVEMENTS

- Honored with **Academic Excellence Award** for the years 2021-22 and 2022-23 by SRKR Engineering College.
- Achieved NPTEL certification in **Data Structures and Algorithms using Java** with a Score of **88%**, ranking in the **Top 2%** - Nov 2023.
- Completed **Google Cloud Computing Foundations** through Google Cloud Skills Boost, receiving **Badges and Swags** as recognition - Dec 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.