

# MURALIDHAR BADISA

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Sathupally, Khammam,Telangana,507303

## SUMMARY

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Highly motivated Software Engineer with a strong foundation in programming and web development. Proven ability to design and develop scalable applications. Eager to leverage technical expertise and problem-solving skills to contribute to challenging projects and drive innovative solutions.

## SKILLS

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### Technical Skills:

- **Programming Languages:** C++, Java (Core), Python (Machine Learning).
- **Web Development:** HTML, CSS, JavaScript ,(React, Node.js),Java.
- **Databases:** MySQL, MongoDB.
- **Operating Systems:** Windows 7/10/11, UNIX/Linux.
- **Cloud Computing:** AWS Fundamentals,IBM Cloud Essentials.

### Soft Skills:

- Good Communication,Teamwork,Problem-Solving ,Adaptability.

## EDUCATION

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Sai Spurthi Institute of Technology (2020-2024)

- Bachelor of Technology in Computer Science Engineering (**61.3%**)

Narayana Jr College (2018- 2020)

- Intermediate Education in MPC (**85.9%**)

ZPSS School Nacharam (2008- 2018)

- Secondary School Education(**8.3%**)

## COURSES & CERTIFICATIONS

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- CISCO – Cybersecurity Essentials .
- IBM SkillsBuild - Machine Learning with Python,Data Analysis Using Python,
- Red Hat System Administration I (RH124) & II (RH134).
- Cloud Computing Fundamentals, IBM Cloud Essentials.
- Python Essentials 1 & Essentials 2 By Cisco Network Academy&Python Institute.
- Web 3.0 , (IBC-CEP) Certification of Participation , Education, & Merit.

## PROFESSIONAL EXPERIENCE

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**Data Analytics Virtual Internship (15<sup>th</sup> June 2023 - 17<sup>th</sup> July 2023).**

- IBM SkillsBuild 6 Weeks Internship for Emerging Technologies in Data Analytics.
- Worked on project-based learning assignments to develop practical skills in data analysis and interpretation.
- Utilized Google Colab, Python, and various libraries (Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn) to analyze and visualize data.

### **AICTE MathWorks Virtual Internship with Artificial Intelligence (May 2023 - September 2023).**

- virtual internship with MathWorks, focusing on AI and ML using MATLAB and Simulink
- MathWorks, a leading developer of mathematical computing software, focusing on Artificial Intelligence (AI) and Machine Learning (ML). Utilized MATLAB and Simulink to design and implement AI algorithms, analyze data, develop computer vision applications
- Gained expertise in AI algorithm design, data analysis, and deep learning applications, with proficiency in MathWorks tools and software, including MATLAB, Simulink.

### **Web Developer and Trainer Internship (05<sup>th</sup> February 2024 - 07<sup>th</sup> August 2024)**

- Internship at St.Marys Group of Institutions and DeepThought EduTech Ventures Pvt. Ltd.

#### **=> Web Developer DeepThought**

- Designed and developed scalable web applications using HTML, CSS, JavaScript, nodejs and frameworks like React, nodebb and databases used MongoDB.
- front-end and back-end development, database management, API integration, version control, and building responsive, interactive, and dynamic web applications.

#### **=> Trainer St.Marys Group of Institutions Deshmukhi.**

- Taught web development courses to students, covering topics like HTML, CSS, JavaScript, and frameworks like React and nodejs. Developed and implemented engaging lesson plans and training materials with teams.
- Mentored students on best practices in web development and coding standards. Evaluated student progress and provided constructive feedback.

## **PROJECTS**

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### **Electric-Vehicle Data Analysis and Visualization using Python**

- In this project, you analyzed and visualized data related to electric vehicles using Python. Importing and cleaning datasets the data from Kaggle.
- Performing statistical analysis to identify trends and patterns, Visualizing data using libraries like Matplotlib, Seaborn and Plotly and Creating interactive dashboards to explore the data

### **NetSpam-A-Network-Based-Spam-Detection-System**

- NetSpam is a full-stack e-commerce website that utilizes a network-based approach to detect spam reviews of products. Developed using , HTML, CSS, Java , JavaScript, JQuery and MySQL, this system calculates weights to identify and flag suspicious reviews. Java/J2EE is used for development with a focus on three-tier architecture (presentation, communication, database) for better maintainability.
- Netspam identifies feature importance for spam detection without ground truth data. It improves accuracy and reduces time complexity by focusing on features with higher weights. A content-based algorithm determines relative importance of each feature in identifying spam.

### **Image -Caption-Generator using Python and Machine Learning**

- Automated Image Generates accurate and descriptive text for images using machine learning, enhancing image search, accessibility, and social media experiences.
- Utilizes an encoder-decoder architecture with CNN and LSTM layers to effectively process images and generate captions. Provides context and meaning to images, enhancing user engagement and experience by offering descriptive text for images.

**SOCIAL LINKS:** <https://muraliwhizz.github.io/Muralidhar.Portfolios/>