

BONAM KRISHNA RAJA SREE

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CAREER OBJECTIVE

- Enthusiastic and dedicated individual with a passion for innovation. Driven to apply technical expertise and creative thinking to develop transformative solutions. Committed to continuous learning and collaboration, aiming to advance technology and make a meaningful impact in a forward-thinking organization.

EDUCATION

Bachelor of Technology in Computer Science And Cyber Security <i>Shri Vishnu Engineering College for Women,Bhimavaram</i>	2022 – 2026 <i>CGPA: 9.01</i>
Intermediate (XII) - BIEAP <i>Aditya Junior College, Palakol</i>	2020 – 2022 <i>Percentage: 88</i>
High School (X) - SSC <i>Aditya public School, Palakol</i>	2019 – 2020 <i>Percentage: 98</i>

EXPERIENCE

Uvida Private Limited (in collaboration with AICTE) Intern - Igniting Excellence in Data Structures and Algorithms

- **Developed Proficiency in Core Data Structures:**Arrays, linked lists, stacks, and queues, enhancing problem-solving capabilities.
- **Advanced Algorithmic Skills:** Implemented sorting, searching, and graph traversal algorithms, optimizing computational efficiency.
- **Project Accomplishment:** Created a sophisticated Sudoku game, utilizing complex data structures and algorithms to ensure efficient gameplay and problem-solving.

Swecha (in collaboration with AICTE) Intern - Contributed to advancing the mission to build AI for preserving culture and language advancement.

- **Cultural and Language Preservation through AI:**Developed AI solutions to advance the preservation of cultural heritage and languages.
- **Proficiency in AI Development Tools:**Gained hands-on experience with AI tools and platforms, focusing on efficient data handling and preprocessing techniques.

SkillDzire (in collaboration with Andhra Pradesh State Council of Higher Education and AICTE) Intern - Contributed to advancing the mission to strengthen cybersecurity through various initiatives and projects.

- **Introduction to Cybersecurity Fundamentals:** Learned about the basics of cybersecurity, including common threats like viruses and phishing.
- **Understanding Password Security:** Gained knowledge on creating strong passwords and the importance of keeping them secure.
- **Basic Network Security Practices:**Learned simple techniques for securing home and office networks from unauthorized access.

PROJECTS

E-Booking Portal For Library Books (Technologies : Python,Tkinter,MySQL)

- **Objective:** Developed and implemented an e-booking portal facilitating pre-reservation of library books, optimizing user experience and inventory management.
- **Features:** Included user account creation, advanced search functionality, real-time availability status, and automated notifications for book pickup.Improved accessibility and streamlined operations for library patrons.

Student Attendance Approval Portal(Technologies : Python,Tkinter,MySQL)

- **Objective:** Facilitated convenient submission and approval of attendance requests between students and teachers.
- **Features:** Secure login, real-time request notifications, dashboard for request tracking, automated record-keeping, and mobile accessibility. Enabled teachers and authorities to review, accept, or decline requests efficiently, improving communication and organization.

Plant Disease Detection (Technologies: Python, TensorFlow/Keras, OpenCV, NumPy, Pandas, Matplotlib, Scikit-learn, Jupyter Notebook)

- **Objective:** Enabled early and accurate detection of plant diseases to assist farmers in taking timely action.
- **Features:** Preprocessed a dataset of leaf images, trained a CNN model for classification, achieved high accuracy in disease detection, and implemented the system for real-time analysis. Enhanced agricultural productivity by providing a reliable tool for disease identification.

TECHNICAL SKILLS

Languages: DSA, Python, C, Java, SQL, DBMS

Tools and Technologies: VS Code, GitHub, Git

Web Development: HTML, CSS, JavaScript

Operating Systems: Linux, Unix

Networking and Security(Basic): OS, Network Security, Cryptography

CO-CURRICULAR ACTIVITIES

GDSC Solution Hackathon 2024

- **Experience:** Participant in the 17-Hour Hackathon focusing on the Sustainable Development Goal "Decent Work and Economic Growth."
- **Solution:** Proposed and built a demo of a collaborative food donation platform aimed at reducing food waste and supporting communities in need.

5G/6G Hackathon Participant

- **Organized by:** Department of Telecommunications (DoT) and The AI School, TCOE India.
- **Event:** Participated in the 30-hour national-level hackathon held in September 2024 at IIIT Hyderabad.
- **Achievement:** Among the top 80 teams selected from over 4000 entries across India.
- **Collaboration:** Worked with industry experts and participants, gaining hands-on experience in 5G/6G technologies.

CERTIFICATIONS

- DataBase Programming With SQL (Oracle Academy)
- Google CyberSecurity Professional Course(Course era)
- Introduction to Cybersecurity (CISCO)