

BHAVANI PRASAD KOLA

Vijayawada, Andhra Pradesh

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CAREER OBJECTIVE

Aspiring full-stack developer and problem-solver with strong expertise in Data Structures and Algorithms (DSA). Passionate about building impactful web applications and applying modern technologies to deliver scalable, efficient, and user-friendly solutions.

ACADEMIC QUALIFICATIONS

Lakireddy Bali Reddy College of Engineering

B.Tech in Computer Science and Engineering

2022 – 2026

Current: 77%

KBN Junior College

Intermediate

2019 – 2021

92%

TECHNICAL SKILLS

- Programming Languages:** Java, Python, SQL
- Web Development:** HTML, CSS, JavaScript, MERN Stack
- Databases:** MongoDB, SQL
- Tools & Platforms:** Git, AWS (Basics)
- Core Strengths:** Problem Solving

INTERNSHIPS

Biztron Softech Ltd.

MERN Stack Intern

Jun 2024 – Jul 2024

4 Weeks

- Developed responsive and interactive user interfaces for a social media platform during my MERN stack internship.

SmartBridge

Salesforce Developer Intern

May 2025 – Jul 2025

AgentBlazer Champion Program

- Completed an 8-week Salesforce Developer internship focused on Apex development, Lightning Web Components, Salesforce fundamentals, and hands-on superbadge tasks.

PROJECTS

AI-Powered Smart Drone System and Method for Precision Pesticide Spraying in Agriculture

2025

- Processed 50k+ crop images with CV models to detect infections.
- Designed spraying automation logic reducing pesticide use by 40%.
- Co-inventor in published patent for AI-driven drone spraying.

Coupon Distribution — MERN Stack

2024

- Built MERN stack app for fair coupon distribution with anti-duplication and feedback system.

Task Manager — MERN Stack

2024

- Developed CRUD-based task management platform using MERN stack.

Portfolio Website — React.js

2024

- Created responsive portfolio website with animations, smooth navigation, and dynamic content.

REAL-TIME SIGN LANGUAGE TO SPEECH FOR MULTIPLE LANGUAGES

2025-2026

- Developed a real-time sign-language-to-speech system with multilingual translation and integrated eye-tracking for hands-free accessibility using standard, low-cost hardware.

CERTIFICATES

- Intro to Data Science with Python – HarvardX
- AWS Certified Cloud Practitioner (2025–2028)
- Salesforce Developer – SmartBridge AgentBlazer Program
- Smart Coder Certification – Smart Interviews (Bronze)

ACHIEVEMENTS

- Winner – AI National Hackathon at VR Siddhartha College (ML-based smart drone prototype).
- Patent Published – AI-Powered Smart Drone System (2025).