


# Vuribindi Sai Charan Reddy

A dedicated and adaptable Computer Science graduate with hands-on experience in programming and analytics. Skilled in Python, Java, and C++, with a good understanding of web technologies and data processing. Eager to learn, grow, and contribute to meaningful projects.

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## EDUCATION

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### Lovely Professional University

Bachelor of Technology (B.Tech) in Computer Science and Engineering - 7.27

2020 - 2024

### Sri Chaitanya Junior College

Intermediate (Class XII) - 8.28

2018 - 2020

## PROJECTS

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### Text Recognition from Images

Sept 2024

- Engineered an optical character recognition (OCR) system using Tesseract OCR and OpenCV to extract text from images with high accuracy.

### Facial Emotion Recognition from Images

July 2024

- Developed a machine learning model using Python and TensorFlow to classify emotions (happy, sad, angry, etc.) from facial expressions in images.

### Plant Health Detection System using Deep-Learning - Publication

Jan 2024 - Apr 2024

- Developed a CNN-based deep learning model achieving 90% accuracy in automated potato plant health detection, optimizing precision agriculture through scalable and objective disease diagnosis.
- Designed and implemented an end-to-end system integrating dataset preprocessing, model training, evaluation, and real-time prediction to enable early detection and sustainable crop management

### Travelling salesman problem implementation using python

Aug 2021 - Dec 2021

- Developed a Python application to solve the Travelling Salesman Problem using brute-force search and custom distance-calculation modules.
- Implemented interactive route visualization with Matplotlib, demonstrating algorithm design, complexity analysis, and data visualization skills.

## SKILLS

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- Programming: Python, C++, Core Java, JavaScript, SQL
- Data & Tools: MySQL, MS Excel, AWS, Data Processing, Statistical Analysis
- Web Technologies: HTML, CSS, ReactJS, NodeJS, REST APIs
- Version Control: Git, GitHub
- Other Skills: Analytical Problem Solving, Debugging, Troubleshooting

## Courses & Trainings

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### AWS and DevOps

Aug 2025 - Present

- Gaining hands-on experience in AWS cloud setup, DevOps lifecycle management, CI/CD, and deployment automation.

## CERTIFICATE

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100 Days of Code: The Complete Python Pro Bootcamp - Udemy 

The Complete Full-Stack Web Development Bootcamp - Udemy 

Data Structures and Algorithms - Geeks for Geeks 

Career Essentials in Generative AI by Microsoft and LinkedIn 