

# BHANU PRAKASH SANGANA

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## EDUCATION

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<b>Prathyusha Engineering College, Thiruvallur</b> Computer Science and Engineering (B.Tech)	<i>August 2020 - May 2024</i> CGPA: 8.13/10
<b>Krishna Chaithanya Junior College, Nellore</b> Higher Secondary	<i>April 2018 - June 2020</i> GPA: 8.67
<b>Z.P.P High School, Viruvloor</b> Secondary	<i>July 2017 - March 2018</i> GPA: 8.3

## SKILLS

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<b>Computer Languages</b>	Python, HTML, CSS, JavaScript, SQL,AWS
<b>Software &amp; Tools</b>	PyCharm, VS Code
<b>Frameworks</b>	Django, Flask
<b>Libraries</b>	React.js, Numpy, Pandas

## PROJECTS

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**Food Recognition Using M-Learning** February 2023 - June 2023

- Constructed a strong machine learning-based recognizing the food model utilizing Python and Flask, achieving a accuracy in identifying name and calories of food.
- A Concolutional Neural Network(CNN) was developed to categorize 101 food categories with 1,000 photos each,resulting in excellent accuracy.
- Transfer Learning was used with pre-trained models such as VGG16,ResNet50, and InceptionV3 to improve features extraction and shorten training time.

**Prediction Mortality in Hospital Using AI** November 2023 - May 2024

- Developed a AI based mortality prediction model leveraging Django for backend integration, achieving high accuracy in identifying at-risk patients.
- Augmented clinical decision-making by accurately identifying patients with a 85 % higher likelihood of complications, improving early intervention strategies.

## INTERNSHIP

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**Analyzing Social Media** May 2024 - August 2024  
*Backend Developer* *Palle Technology*

- Collaborated with a team to analyze social media data to understand public sentiment towards a specific product, brand, or current event.
- This application can suggest a specific product to the user based on their sentiment.

## ACHIEVEMENTS

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Completed Full Stack python Certification  
Earned Cloud Essential Certification - Veranda Learning  
Achieved Network Engineering Certification - CISCO