

# Priyanka Rebba

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## EDUCATION

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### • BVRIT HYDERABAD College of Engineering for Women

(BTech in Computer Science and Engineering (**CGPA: 8.61**))

Hyderabad, India

Nov 2022 - Present

### • Sri Chaitanya Jr College

(Senior Secondary-State Board. **Percentage: 97.7%**)

Hyderabad, India

Apr 2020 - Mar 2022

### • Sri Chaitanya Techno School

(Secondary-Telangana Board. **CGPA: 10**)

Kodad, India

Jun 2019 - Mar 2020

## EXPERIENCE

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### • Support Engineer Intern, Amazon

14th July 2025 - 19th Dec 2025

- Developing a Command-line Harbinger Agentic Solution integrating AWS Bedrock.

## PROJECTS

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### MarketMind: Customer Segmentation using LLMs

(Google Colab, Python)

[Source Code]

- Built an AI-powered pipeline leveraging Large Language Models (LLMs) and clustering to segment customers based on unstructured data like feedback and reviews.
- **Key Technologies :-** LLM: Hugging Face Transformers | Clustering: KMeans | Visualization: PCA, t-SNE | Tools: Python, Google Colab, scikit-learn, pandas

### HouseEase

(Visual Studios)

[Source Code]

- Developed a full-stack web application for property browsing and booking, enabling users to rent or purchase homes and property owners to list properties seamlessly.
- **Key Technologies :-** Database: MongoDB | Frontend: React.js, HTML, CSS | Backend: Node.js, Express.js

### Face Mask Detection

(Google Colab)

[Source Code]

- Developed a customized CNN model for face mask detection, achieving an impressive 97% accuracy. This high accuracy highlights the model's effectiveness in identifying whether individuals are wearing masks correctly. The 10-layer CNN was trained on an 80-20 split dataset.
- **Key Technologies :-** TensorFlow, Keras, NumPy, scikit-learn.

## SKILLS

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- \* **Machine Learning:** TensorFlow, Keras, scikit-learn, NumPy, Pandas, LLMs
- \* **Full-Stack Development:** React.js, Node.js, Express.js, MongoDB, HTML, CSS, JavaScript.
- \* **Programming Languages:** Java, Python, C.
- \* **Soft Skills:** Adaptability, Problem Solving, Critical Thinking, Communication, Teamwork.

## KEY COURSES TAKEN

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|----------------------------------|-------------------------------|
| * Data Structures and Algorithms | * Database Management Systems |
| * Machine Learning               | * Operating Systems           |
| * Computer Networks              |                               |

## EXTRACURRICULARS

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- \* **Volunteer:** Actively participated in organizing college events
- \* **Sports:** Active member in playing Badminton.