

# AYISHA NAVAZ KOTIKALAPUDI

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## Education

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- **Shri Vishnu Engineering College For Women**, Bhimavaram, AP *2022-2026*  
*Bachelors in Artificial Intelligence ; GPA: 8.17/10 (until 6th semester)*
- **Sri Chaintanya Junior College**, *Vijayawada, India*  
*Higher Secondary Education(Intermediate); Percentage: 8.88, 2020-2022*

## Skills

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**Languages:** Python (Intermediate), Java (Beginner), C  
**Tools:** Git, VS Code, GitHub, Power Bi  
**Libraries:** Tkinter, Matplotlib, NumPy, Pandas  
**Soft Skills:** Problem-Solving, Leadership, Team Management

## Projects

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- Skin Cancer Detection using Deep Learning(On-going)** *Python, TensorFlow, Keras, OpenCV, Flask*
- Developed a deep learning model using CNN to classify different types of skin cancer.
  - Utilized architectures including TESL-Net, U-Net, ResNet, and EfficientNet for segmentation and classification.
  - Trained on ISIC and HAM10000 datasets with preprocessing techniques like augmentation and normalization.
- Blinkit E-Commerce Analytics Dashboard in Power BI** *Power BI, DAX, Data Visualization*
- Developed an interactive Power BI dashboard simulating Blinkit's growth, marketing, and inventory KPIs, with advanced DAX for YoY analysis.
  - Applied custom themes, slicers, and drill-throughs for dynamic, executive-level insights.
- Fake News Detection using Transformers** *Python, Transformers, Hugging Face, Scikit-Learn*
- Built a robust machine learning system leveraging large language models and a multi-agent framework to detect fake news across diverse domains.
  - Integrated linguistic feature analysis, comment analysis, and automated decision rule optimization to enhance cross-domain generalization.

## Relevant Coursework

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- Data Structures & Algorithms
- Web Development
- DBMS
- Machine Learning

## Certifications

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**Full Stack Java**, SkillDzire, APSCHE, Short-term Internship, Jul 2024