

# Anandita Dakshayani Garimella

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## EDUCATION

**Bachelor of Technology: Computer Science and Engineering**  
Gayatri Vidya Parishad College of Engineering for Women

## TECHNICAL SKILLS

- **Language:** Python, Java, R, JavaScript, TypeScript, C, C++, SQL, HTML, CSS
- **Frameworks:** Django, Spring BOOT, React
- **Databases:** Oracle, MySQL, MongoDB
- **Tools:** Visual Studio Code, GitHub
- **Libraries:** Scikit-Learn, matplotlib, NumPy, Pandas, TensorFlow
- **Other Skills:** Object-Oriented Programming, Machine Learning, Deep Learning

## EXPERIENCE

**Analyst | Capgemini Technology Services India Limited | Duration: November 2023- March 2024**

- Completed intensive technical training program focusing on enterprise Java development
- Gained hands-on experience with Spring Boot, MongoDB, and related enterprise technologies

## PROJECTS

**DeepFake Image Detection** | *Python, Django, Support Vector Machines, DenseNets*

- Executed data preprocessing techniques on a dataset of 10k images for SVM baseline models and 140k images for DenseNet model, including Data Normalization and Frequency Domain Analysis
- Developed and implemented a deep learning-based system for detecting Deepfake images, achieving an accuracy of 99.76% using SVM classifiers
- Employed three distinct SVM classifiers: Linear Kernel, Gaussian Radial Basis Function Kernel (RBF), and Polynomial Kernel, achieving respective accuracies of 97.5%, 98.2%, and 99.76%
- Achieved robust image classification using DenseNets, analyzing over 6.9M features, achieving 98% accuracy
- Conducted comprehensive literature review and comparative analysis of 20 existing Deepfake detection systems, identifying key limitations and areas for improvement in detection accuracy

**FoodieExpress (Food Delivery Web Application)** | *Django, JavaScript, HTML, CSS, Python*

- Architected and developed a full-stack food delivery platform with distinct interfaces for customers, restaurant owners, and delivery partners
- Implemented real-time order tracking and dynamic delivery partner assignment system using Django's authentication and permission framework
- Designed and integrated advanced search functionality with filters for cuisine types and dietary preferences
- Built comprehensive order management system handling multiple order states and real-time status updates
- Developed robust database schema using Django models to manage user roles, restaurant data, menu items, and order tracking

**FlashLearn (Flashcard App)** | *Python, Pytest, Kivy*

- Developed an interactive flashcard application using solely Python, managing a deck of up to 150 flashcards with key-value pairs, enhancing study efficiency for users
- Integrated a dynamic quiz feature with three difficulty levels (Beginner, Mid, Pro), delivering quizzes with 5, 10, or 15 questions
- Implemented a JSON-based deck upload feature for seamless flashcard management, enabling quick access and storage of over 100 flashcards per session
- Designed and optimized a GUI using Kivy, including scrollable views for decks exceeding 25 cards, ensuring smooth user experience across varying deck sizes

## CERTIFICATIONS

- [AWS Cloud Practitioner Essentials](#)
  - [CS109x: Introduction to Data Science with Python](#)
  - [PH125.6x: Data Science: Wrangling](#)
  - [CS50P: CS50's Introduction to Programming with Python](#)
  - [CS50W: CS50's Web Programming with Python and JavaScript](#)
  - [FC1x: Fat Chance: Probability from the Ground Up](#)
  - Participated in [Google Cloud Arcade Program 2023](#)
  - Cisco Networking Academy [Introduction to Cybersecurity](#)
  - Cisco Networking Academy [Cybersecurity Essentials](#)
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## ADDITIONAL INFORMATION

- [Participated in Amazon ML Challenge 2023](#)
- Engaged in a workshop on ‘Advanced AI and ML Applications’ organized by NIT-Warangal
- **Student Editor** of College Magazine, Gayatri Sumam