# DEKKA DEVI PRADEEP

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## CAREER OBJECTIVE

A third-year B-Tech student of Artificial Intelligence and Data Science (CSE-AI&DS) with strong programming skills and a passion for problem-solving. My academic projects and internships have helped me develop technical abilities and critical thinking. I am eager to use my knowledge in a software engineer role, contributing to effective and innovative solutions.

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## EDUCATION

**GMR Institute of Technology**                                                                 Rajam, Andhra Pradesh
Artificial Intelligence and Data Science (CSE-AI&DS) | CGPA (Until Semester 5): 8.56      **November 2022 - Present**
**Sri Chaitanya Junior Collage**                                                          Visakhapatnam, Andhra Pradesh
Intermediate, MPC | CGPA: 8.41                                                                  **June 2020 - April 2022**
**Chaitanya High School**                                                                 Visakhapatnam, Andhra Pradesh
Secondary School Certificate | CGPA: 10                                                         **June 2019 - April 2020**

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## ACHIEVEMENTS

**GATE 2025** (Data Science & Artificial Intelligence): I have Scored 389; All India Rank – 5823      **| CERTIFICATE**

**Sports**: Represented JNTU-GV in Kho-Kho at the South Zone Inter-University Tournament.      **| CERTIFICATE**

**National Cadet Corps**: Earned 'B' Certificate with 'A' Grade; Rank: Lance Corporal.      **| CERTIFICATE**

**Leadership**: Coordinator, AI Club – Organized events and promoted AI learning.

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## SKILLS SUMMARY

- **Languages**    C, Python, Java, SQL
- **Frameworks**    Pandas, Numpy, Matplotlib, OpenCV
- **Platforms**    PyCharm, Jupyter Notebook, Visual Studio Code
- **Tools**    Power BI, Excel, Word, PowerPoint, MySQL
- **Soft Skills**    Problem Solving, Critical Thinking, Team Collaboration, Leadership

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## EXPERIENCE

**Web Development Intern** | Indian Institute of Petroleum & Energy (IIPE), Visakhapatnam | CERTIFICATE    **JUNE 2024-JULY 2024**

- Developed and maintained departmental websites using HTML, CSS, JavaScript, PHP 8.2, and MySQL.
- Implemented dynamic web components such as forms, data displays, and admin panels.
- Ensured responsive design and cross-browser compatibility for all pages.
- Used GitHub for version control and collaboration, following best practices in code management.
- Deployed fully functional web applications to the institutional server, optimizing performance and reliability.
- Worked under the supervision of Shri. Sanyasi Naidu Paila, gaining hands-on experience in professional project workflows.

**Artificial Intelligence Intern** | EDUSTATION | CERTIFICATE                                        **MARCH 2024 – MAY 2024**

- Explored core concepts in machine learning, including data preprocessing, feature engineering, and model evaluation.
- Implemented classification, regression, and clustering algorithms using Python and libraries like scikit-learn and NumPy.
- Developed an image classification model using supervised learning techniques to categorize images with improved accuracy.
- Conducted hyperparameter tuning and model validation using techniques like cross-validation and confusion matrix analysis.
- Gained practical insights into AI workflows, from dataset handling to model deployment.

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## PROJECTS

**Face Recognition and Detection** | GIT LINK
**Tools & Tech:** OpenCV, Python, HOG, CNN, Firebase (Realtime DB), face recognition, Pickle file.

- Designed and implemented a real-time face recognition system using live video feeds.
- Utilized OpenCV, HOG, and CNN for accurate face detection and recognition.
- Employed the face_recognition library for encoding and identifying individuals without duplication.
- Used Pickle files to store and load face encodings efficiently.
- Integrated with Firebase Realtime Database for real-time data synchronization and logging.
- Captured and logged visitor count, entry timestamps, and unique IDs for each individual.

**Drum Kit Web Application** | GIT LINK
**Tech Stack:** HTML, CSS, JavaScript.

- Developed an interactive drum kit web page using HTML, CSS, and JavaScript.
- Enabled audio playback and visual button animations for an engaging user experience.
- Implemented keyboard and mouse event listeners for real-time sound triggering.
- Utilized DOM manipulation to handle user inputs and dynamic UI effects.
- Designed a responsive user interface for compatibility across various devices.
- Deployed the application on GitHub Pages for public access and version control.

## CERTIFICATES

**Certified System Administrator (CSA)**
– ServiceNow | CERTIFICATE

**Certified Application Developer**
– ServiceNow | CERTIFICATE

**AWS Academy Graduate**
– Cloud Foundations | CERTIFICATE

**Coding Interview Preparation**
– Meta (Coursera) | CERTIFICATE

**Web Development**
– Prodigy InfoTech | CERTIFICATE

**SQL (Basic, Intermediate)**
– HackerRank | CERTIFICATE

**Prompt Engineering**
– Vanderbilt University (Coursera) | CERTIFICATE

**Flipkart GRiD E-Commerce & Tech Quiz**
– Unstop | CERTIFICATE

## LANGUAGES

| Telugu | English | Hindi |
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## ACKNOWLEDGEMENT

I hereby declare that all the details mentioned above are in accordance with the truth and fact as per my knowledge and I hold the responsibility for the correctness of the above-mentioned particulars.