SANKAR NANDAMURI

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Career Objective

Motivated Computer Science undergraduate specializing in Artificial Intelligence and Machine Learning, seeking an **Associate Software Engineer – Development** role to apply strong **programming, software development, problem-solving, debugging, and object-oriented design skills** while contributing to scalable and efficient application development.

Education

Bachelor of Technology – Computer Science and Engineering (AI & ML) Expected: 2026
Aditya College of Engineering, Surampalem, Andhra Pradesh
CGPA: 7.0 / 10

Relevant Coursework: Data Structures, Algorithms (Basics), Machine Learning, Data Analytics, Statistics for Data Science, Database Management Systems, Software Engineering

Technical Skills

- **Programming Languages:** Python, Java, C

- **Software Development:** Object-Oriented Programming (OOPS), SDLC, Debugging, Code Optimization, Exception Handling

- **Data Structures & Algorithms:** Arrays, Linked Lists, Searching, Sorting (Basics)

- **Machine Learning:** Regression, Classification, Clustering, Model Evaluation, Feature Engineering, Data Preprocessing

- **Libraries & Tools:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

- **Database:** MySQL, SQL Queries, Database Design

- **Version Control:** Git, GitHub

- **Development Tools:** VS Code, Jupyter Notebook, Google Colab, Spyder

Projects

Deepfake Analysis Using AI

- Built a CNN-based deepfake detection system achieving **85% accuracy**.

- Performed data preprocessing, model training, and evaluation using Python and TensorFlow.

- Optimized performance using validation techniques and OpenCV integration.

Online Banking Application (Python + MySQL)

- Developed a console-based banking system with secure authentication and transactions.

- Integrated MySQL database for efficient data storage and retrieval.

- Tested and debugged the application to ensure reliability and data integrity.

Certifications

- Generative AI Workshop – Google for Developers

- Deloitte Cyber Job Simulation – Forage

- Deepfake Detection Workshop – APSSDC

Soft Skills

- Problem Solving and Analytical Thinking

- Strong Communication Skills

- Team Collaboration

- Quick Learner and Adaptability

- Time Management