

UDAY KIRAN G.

Andhra University | [GitHub](#) | [LinkedIn](#)

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EXPERIENCE

Codec Technologies — Python Intern

July 2025 – Aug 2025

- Worked on Python-based automation and scripting tasks to support internal workflows.
- Assisted in building small modules involving data parsing, file handling, and basic data analysis.
- Collaborated with the team to debug, and optimize Python functions for smoother deployment.

SKILLS

Languages: Python, C, Java, JavaScript, TypeScript

Web: Svelte, HTML, CSS, Tailwind

Backend & DB: Django, SQL, Django ORM

ML & Data: NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow

Tools: Git, Linux, VS Code

PROJECTS

ZipGo – Travel Booking Platform

HTML, CSS, JavaScript/TypeScript, Svelte, Django, SQL, Tailwind

- Built a full-stack platform for booking bus, train, and flight tickets, with a clean responsive UI and secure user workflows.
- Implemented a trip-planning engine to generate multi-leg connecting routes and optimized travel combinations.

Neural Network From Scratch – Deep Learning Model

Python, NumPy

- Implemented an L-layer neural network from first principles (ReLU/Softmax, forward–backward propagation, mini-batch GD, Adam optimizer, L2 regularization).
- Trained it on a digit-recognition task and achieved **95% accuracy**, validating correctness with loss curves and gradient checks.

Letterboxd Clone – Movie Tracking Platform

HTML, CSS, JavaScript/TypeScript, TMDB API, Django, SQL

- Built a movie-tracking app using the TMDB API, enabling users to rate films, add them to a watchlist, and track viewing history.
- Implemented detailed movie pages with metadata, cast, recommendations, and a clean responsive UI for fast browsing.

EDUCATION

B.Tech in Computer Science and Engineering

Andhra University (2023–2027)

CGPA: 8.5

CERTIFICATIONS

- Coursera/DeepLearning.AI – Machine Learning Course
- Udemy – Django Development