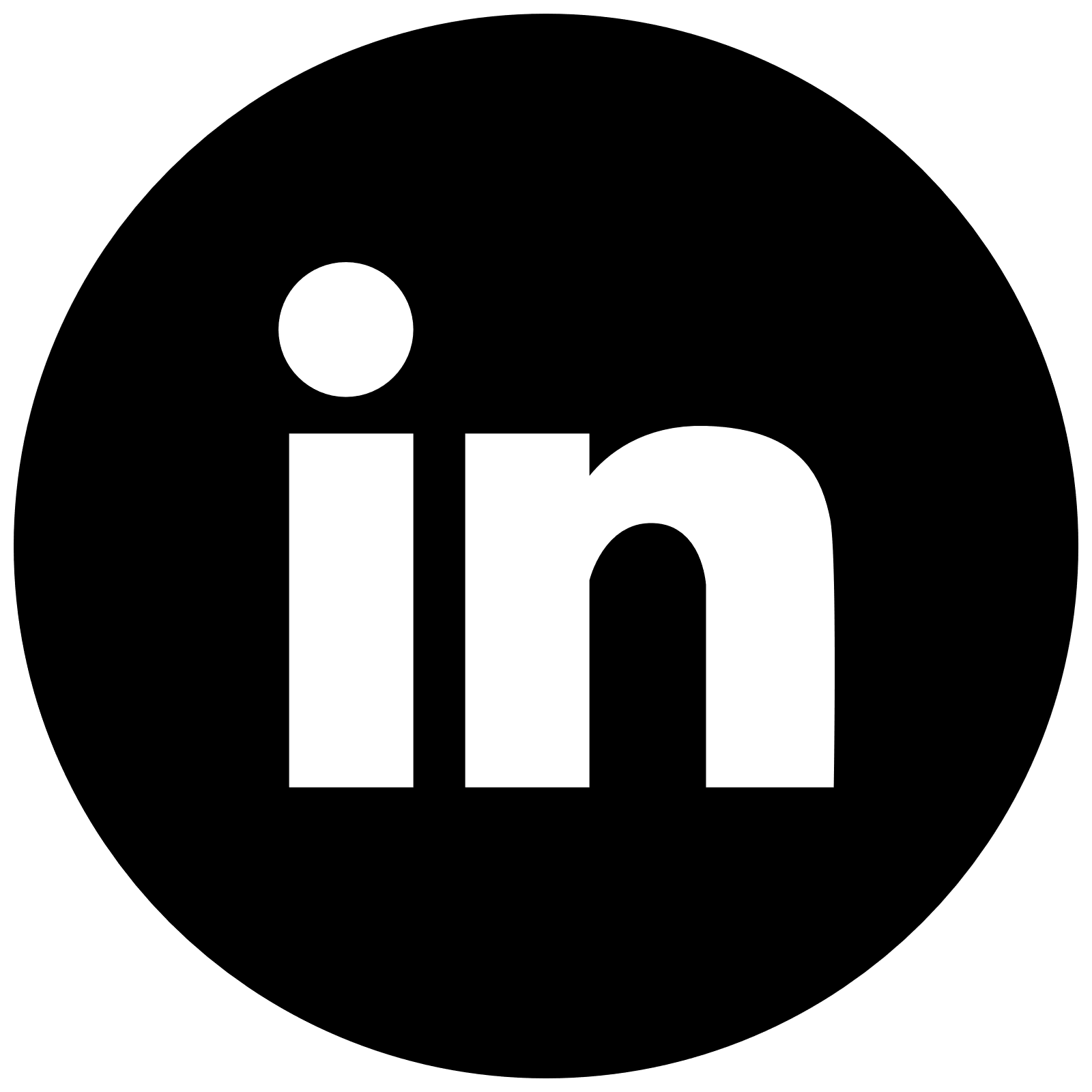
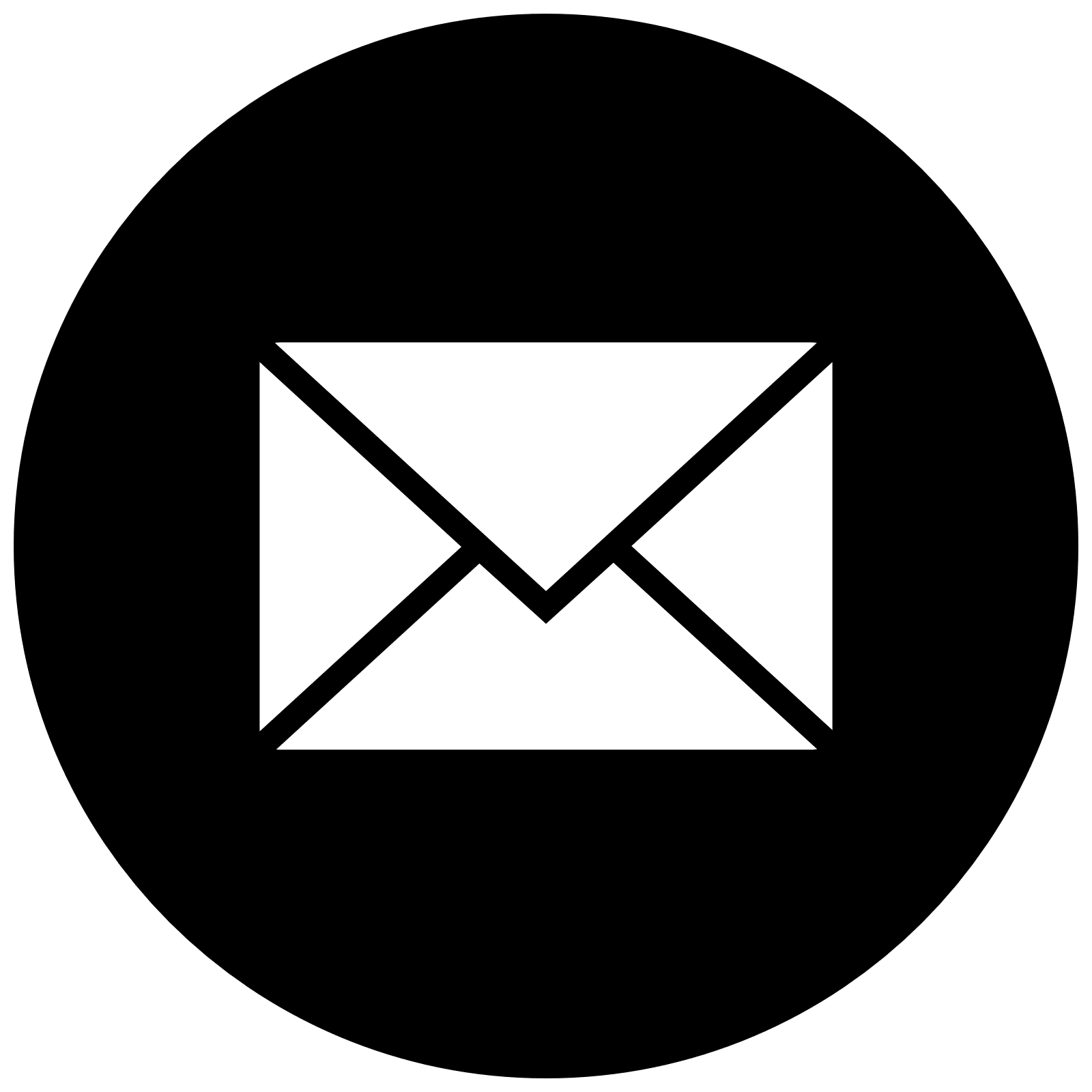
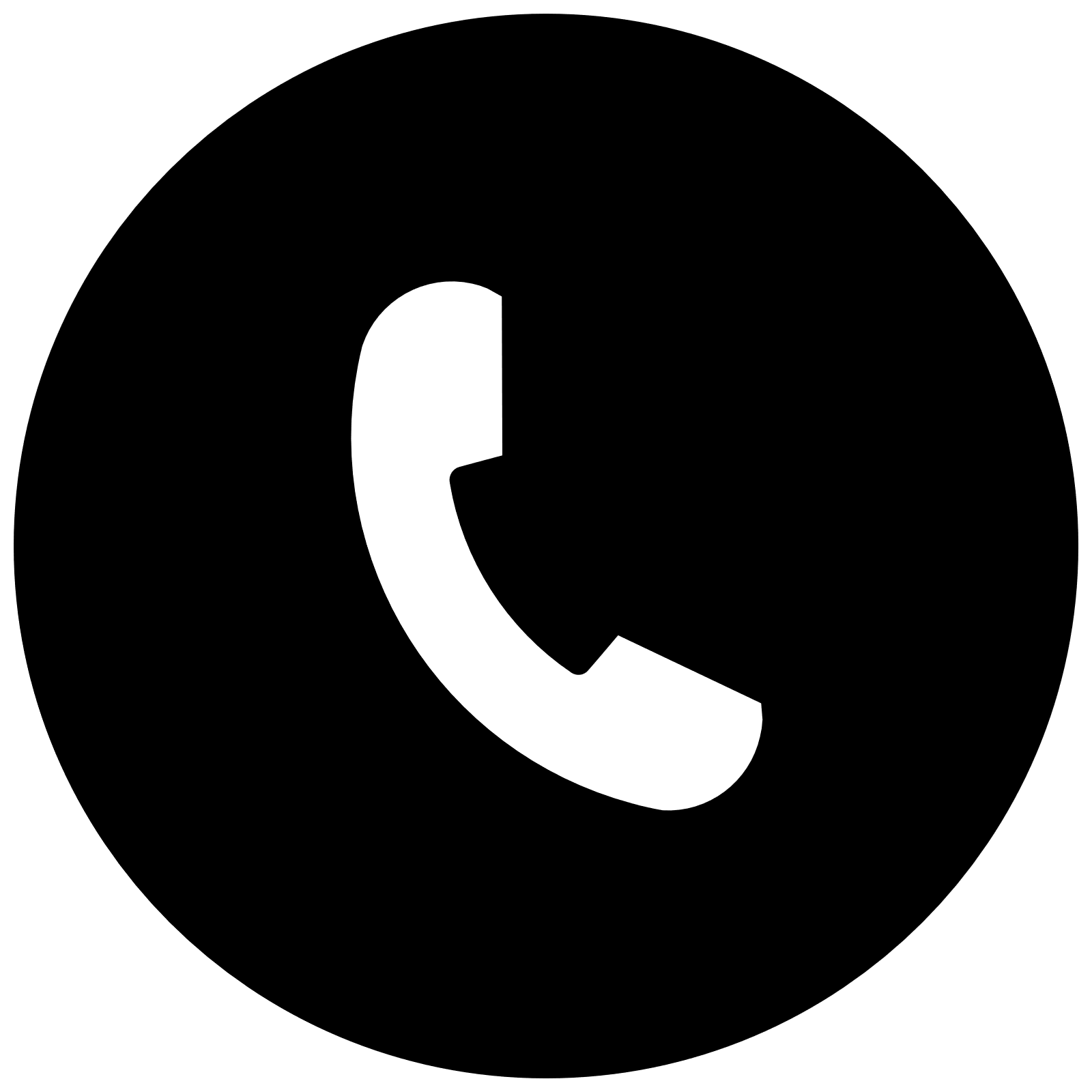
Vivek babu

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SOFTWARE ENGINEER

# Projects

## Pen Craft (Python Django)

A web-based platform that facilitates user-generated content evaluation, allowing users to upload written works such as novels, articles, and stories. The platform features:

* **Content Upload**: Implemented functionality for users to seamlessly upload their writings using Django.
* **Evaluation by Experts**: Enabled master writers to assess submissions, leveraging machine learning for analysis (integrated externally).
* **Grading System**: Developed a robust grading mechanism for master writers to provide feedback and scores for submissions.
* **Top Content Showcase**: Designed and implemented a feature to dynamically display the top three graded submissions on the homepage for visibility and recognition.

## Sports Meadow (Python Django)

A comprehensive platform connecting users with professional sports coaches for personalized training and coaching services. Key features include:

* **User Authentication**: Developed secure login and registration systems for users and coaches using Django.
* **Coach Registration**: Enabled coaches to register and showcase their expertise across various sports disciplines.
* **Service Request Management**: Implemented a request-and-approval workflow, allowing users to request coaching services and coaches to accept or decline.
* **Interactive Chat System**: Built a real-time chat feature to facilitate communication between users and coaches.
* **Resource Sharing**: Designed functionality for coaches to share training materials and resources with users.
* **Ground Allocation**: Integrated a scheduling system for coaches to allocate practice grounds for offline training sessions.

# Education

MCA (2022-2024)

SCMS School of Technology and Management

BCA (2019-2022)

Parumala Mar Gregorios College

# Skills

* Python
* Django
* DRF (REST API)
* HTML
* CSS
* JavaScript
* React
* MySQL

# Professional Overview

Highly motivated and detail-oriented software engineer with hands-on experience in Python, Django, and React. Eager to leverage my skills in coding, problem-solving, and collaboration to contribute to innovative projects. Passionate about continuous learning and delivering impactful solutions through creativity and technology.

# Tools

* Bootstrap
* Tailwind
* Api Integration
* Git

# Certificates

Python Data Science Certification – NPTEL (Completed: February 2024)

**Netflix Clone (React)**

Developed the frontend design and integrated APIs to display dynamic movie details, simulating the functionality of a video streaming platform. Key contributions include:

* **UI/UX Design**: Created a responsive and visually appealing user interface using HTML, CSS, and JavaScript, ensuring cross-device compatibility.
* **API Integration**: Integrated third-party APIs to fetch and display movie details, including titles, descriptions, genres, and posters.
* **Dynamic Content Display**: Implemented functionality to dynamically update movie details on the platform.

**To-Do Application (React)**

Developed a feature-rich to-do application using React, enabling users to efficiently manage tasks with dynamic state updates. Key functionalities include:

* **Task Management**: Implemented the ability to create, view, and delete tasks with dynamic status updates.
* **Task State Transitions**: Designed workflows for tasks to move between *Active*, *Completed*, and *Incomplete* states based on user actions.
  + Tasks marked with a checkbox before deletion are categorized as *Completed*.
  + Tasks deleted without marking are categorized as *Incomplete*.
* **Dynamic Rendering**: Utilized React's state management to ensure tasks lists (Active, Completed, Incomplete) are updated and rendered in real-time.