

Rituraj Goswami

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📍 New Delhi, India

Technical Skills

Languages and Databases: Python, HTML, JavaScript, SQL

Framework / Libraries: React, Django, Node.js

Other Skills: Version Control (Git)

Projects

Advanced Banking Application with Django

Technologies Used: Python, Django, PostgreSQL, HTML5, CSS3, Bootstrap, Git, GitHub, AWS (S3), VS Code

- **Developed Secure Banking Application:** Engineered a robust banking application using Django, incorporating advanced features like user authentication, transaction handling, and data encryption to ensure security and privacy of the user.
- **Deployed and Managed Production Environment:** Successfully deployed the application on Railway hosting, managed live PostgreSQL databases, and deployed static and media files to AWS S3, ensuring smooth operations and scalability.
- **Implemented Compliance and Security Measures:** Implemented stringent authentication systems and advanced KYC registrations to ensure regulatory compliance and enhance transaction security.

Music Player with User Authentication and Authorization Implementation

Technologies Used: Python, Django, HTML5, CSS3, Bootstrap, Git, GitHub, VS Code

- **Developed Role-Based Access Controls (RBAC):** Established precise authorization protocols to manage user permissions effectively, ensuring secure data access and streamlined user experience.
- **Enhanced User Registration Process:** Designed and integrated a seamless registration flow with email verification, improving user onboarding and data security measures.

Expense Tracker Application with Data Visualization

Technologies Used: Python, Django, HTML5, CSS3, JavaScript, Git, GitHub, VS Code

- **Developed Custom Expense Management System:** Designed and implemented a Django-based web application for efficient tracking and management of distribution expenses, featuring intuitive data models and a user-friendly Django Admin interface.
- **Integrated Data Visualization:** Utilized Django and Chart.js to generate comprehensive visual reports and analytics, offering stakeholders clear insights into expenditure trends and patterns.

Certifications

Introduction to Generative AI Learning Path Specialization | by Google Cloud

Date of Completion: May 19, 2024

- Explored ethical considerations crucial for responsible AI development and deployment across different domains during the specialization.

Introduction to Backend Development | by Meta

Date of Completion: May 25, 2024

- Learned about how APIs work in python using frameworks like Django and Flask. Deployed a full stack Restaurant web application.

Education

Lovely Professional University

Bachelor of Technology in Computer Science

CGPA : 7.40

Aug 2021 – Present