

ADLM SkillHub Backend - Phase 1 Summary

Overview

- **Duration:** August 20-22, 2025 (3 days)
- **Objective:** Build a secure authentication system and core models.

Achievements

- **Authentication:** Implemented register, login, profile, and refresh token endpoints with Django REST Framework and JWT.
- **Models:** Created **User** (custom) and **LearningResource** models, stored in PostgreSQL.
- **Admin:** Configured Django admin interface for user and resource management.
- **Testing:** Added basic unit tests.

Challenges

- **SMTP Errors:** Resolved 421 (too many connections) and 530 (STARTTLS) issues with Gmail configuration.
- **Admin Setup:** Integrated custom **User** model into admin panel.

Next Steps

- **Phase 2:** Start August 25, 2025, focusing on data models and analytics.

Reflection

Gained hands-on experience with Django, debugging, and API design. Excited for the next phase!