

Rommelo D. Balandra

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PROFESSIONAL SUMMARY

Junior Python Backend Developer with a foundation in mechanical engineering and over 6+ years of experience managing complex, cross-functional projects in regulated environments. Completed the Meta Backend Developer Professional Certificate and developed multiple backend applications using Python, Django, Flask, and REST APIs. Known for strong problem-solving, analytical thinking, and collaboration skills, combining engineering precision with a passion for scalable software design.

TECHNICAL SKILLS

- Programming: Python, Django, Flask, Django REST Framework
- Tools: Git, GitHub, Postman, MySQL, SQLite, VS Code, PyCharm
- Concepts: REST APIs, CRUD Operations, Authentication Systems, MVC Architecture, Object-Oriented Programming (OOP), Debugging & Unit Testing
- Soft Skills: Problem Solving, Team Collaboration, Continuous Learning, Written and Oral Communication

TECHNICAL PROJECTS

Event Booking App - Django, Django ORM, SQLite, HTML, CSS

- Built a Django based web application with custom models, class-based views, and RESTful API endpoints for event management with user authentication, RSVP functionality, and admin dashboard using Django ORM.
- Includes a comprehensive testing suite with 95% coverage, custom error handling, pagination, and security best practices including CSRF protection.

Authentication System - Django, SQLite, Bootstrap, Python-decouple

- Built secure authentication system with custom user model, registration/login/logout flows, and password reset functionality.
- Implemented a testing suite (18 tests) with error handling, logging, and session management.

Chess Tournament Manager - Python, OOP, JSON, flake8, Jinja2

- Developed a tournament management application with Swiss system matchmaking algorithm and automated player pairing using JSON data persistence.
- Implemented clean OOP design patterns for modular, scalable code architecture.
- Built complete tournament workflow including club management, player registration, match results, and multi-format report generation.

Price Monitoring Web Scraper - Python, BeautifulSoup, Requests

- Created a script to monitor and log product data and price from e-commerce sites.
- Implemented automated scheduling and data validation to ensure reliability.

WORK EXPERIENCE

CSA Group - Irvine, CA

Product Safety Engineer I & II | February 2018 – Present

- Directed 200+ certification projects, generating over \$400K in revenue while maintaining a 97% on-time delivery.
- Coordinated cross-functional efforts ensuring compliance with ANSI, CSA, UL and NSF standards.
- Reduced lead times by 1-2 weeks through workflow optimization and proactive risk identification.
- Communicated project scope and updates clearly to clients, resolving issues within 48 hours.
- Regularly engaged with clients to deliver updates, manage expectations, and resolve issues related to testing failures or scope changes within 48 hours.

RKDM Enviro-Energy Services Inc. - Stanton, CA

Mechanical Engineer Intern | May 2016 – January 2018

- Supported design reviews, field inspections, and emissions testing for industrial boiler systems.
- Streamlined reporting for 50+ client accounts by creating standardized documentation templates.

EDUCATION

California State University, Long Beach

Bachelor of Science in Mechanical Engineering | May 2017

Meta Backend Developer Professional Certificate - Coursera | 2024

Comprehensive 9-course program in Python, Django, APIs, Databases, and Deployment

Application Developer Pre-Apprenticeship - OpenClassrooms | 2025

Completed full curriculum in backend and application development, including OOP, MVC and programming logic.

LEADERSHIP EXPERIENCE

CSA Group - Irvine, CA

Social Committee Chairperson | March 2019 – Present

- Led a 5-member volunteer committee to organize company-wide engagement events and team-building activities.