

Nithunraj N M

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Summary

Python Django Developer with 3+ years of experience building scalable web applications and RESTful APIs. Skilled in Django, ETL processes, and automation for financial systems.

Skills

Languages: Python, JavaScript, SQL

Technologies & Tools: Django, RestAPI, Pandas, Numpy, Webscraping, ETL, MongoDB, HTML, CSS, RabbitMQ, Jinja

Work Experience

Finsurge, Kanyakumari

Aug 2022 - Present

Senior Software Developer

- Developed dynamic, automated web interfaces and RESTful APIs using Python/Django for a banking application, incorporating conditional logic and bulk CSV data ingestion to streamline workflows, eliminate manual entry, and significantly improve performance.
- Resolved concurrency and memory issues in Django-based services, including thread locking and high-load message processing in RabbitMQ, achieving over 60% memory reduction and improved system reliability
- Developed a confidential, user-restricted scorecard model using Python Django RestAPI that was adopted across multiple banking applications due to its feasibility, flexibility, and robust functionality.
- Deployed Credit and Personal Loan applications to production, resolved critical issues, and enabled adoption by multiple partner banks — driving 30% revenue growth.
- Maintained DataVault ETL application for automated Murex data extraction, transformation, and loading into the database.
- Worked in Murex migration processes using Python and Datamart reporting.
- Developed a YOLOv5-based Machine Learning solution to extract data from identification cards for automated eKYC processing.

Sutherland, Chennai

Sept 2021 - Apr 2022

Associate CS Internet

- Assisted Amazon.ca customers via chat with orders, refunds, and account inquiries.
- Resolved escalated issues for Amazon.ca customers, achieving a 98% satisfaction rating.
- Ensured fast, accurate resolutions for Amazon.ca, enhancing overall customer experience.

Education

Annamalai University

Apr 2021 - Aug 2024

Master of Computer Applications

Relevant Coursework: OOP, Databases, Algorithms, Machine Learning, Data Mining.

S T Hindu College, Nagercoil

May 2016 - Apr 2019

BSC in Physics

Coursework: Specialization in Core Physics and Mathematics with C++ practicals.

Project Work

- **Multi-vendor Restaurant Marketplace:** Developed a Multi-Vendor Restaurant Marketplace with LocationIQ-based search, dynamic vendor/customer pages, and seamless cart functionality using AJAX and Django Template Inheritance.
- **Student Management System:** Developed a Student Management System with dynamic mark updates, secure login with session management and hashed passwords, and responsive interfaces using Django, JavaScript, and Bootstrap.

Certificates & Achievements

- Python and Machine Learning Certification from Perfect Plan B, including a hands-on project on Cancer Detection.
- Successfully delivered an end-to-end Django web application for a major bank in the Philippines.
- Received onsite opportunities to Mumbai and the Philippines for project deployment and client collaboration.