ATHARVA KAWADE

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PROFESSIONAL EXPERIENCE

Oleander Financial Technology Ltd, Pune, India   **April 2025 -- August 2025**

Senior Software Engineer

- Developed and launched a copy trading like platform for retail investors for Indian FNO market using python, django and htmx.
- Unified APIs of India's top brokers (>70% market share) into a single robust architecture, simplifying broker integration time by 50%.
- Part of the architecture and design of an Algo trading platform. (Python, pyalgotrade)
- Directly worked with portfolio managers, sub-brokers and traders to gather requirements and deliver solutions.

July 2021 -- March 2025

Mortgage Kart Ltd, Pune, India

Software Development Engineer

- Designed and delivered a custom mortgage workflow and CRM using Frappe and Python Django.
- Integrated Meta Business WhatsApp for real-time client communication via FastAPI and Socket.IO boosting and simplifying client engagement
- Transformed 50,000+ semi-structured legacy records for analytics and automated Power BI reporting, driving data-informed business decisions
- Prototyped and executed a zero-downtime, live-data migration from MongoDB to PostgreSQL with Mozilla Kinto, ensuring 100% data integrity.
- Increased automation coverage by 25% using Puppeteer, JavaScript, and scalable AWS Lambda deployments, reducing manual workload and error rate.
- Built and maintained in-house ETL pipelines and optimization tools using Python pandas and numpy, and Airflow to streamline data ingestion and transformation processes.
- Represented the company at campus recruitment events.

SKILLS

- **Programming**: Python, JavaScript, BASH
- **Databases**: PostgreSQL, MongoDB
- **Frameworks & Tools**: Django, FastAPI, Frappe, HTMX, Socket.IO, Power BI, Puppeteer, Airflow, Git, AWS Lambda
- **Specializations**: Web Application Development, ETL, Data Pipelining, REST API Integration, Workflow Automation

ACHIEVEMENTS

Publication: (2021) Detection and Monitoring of Alzheimer's Disease Using Serious Games—A Study. 10.1007/978-981-33-4355-9_6.

Patent: 202121009893 Journal Number- 11/2021, Journal Date: 12/03/2021 -Indian Patent Office

EDUCATION

Savitribai Phule Pune University, Pune, India   **July 2017 -- July 2021**

Bachelor of Engineering in Computer Science and Engineering   **CGPA: 7.75**