

# ATHARVA KAWADE

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## PROFESSIONAL EXPERIENCE

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**Oleander Financial Technology Ltd, Pune, India**

**April 2025 -- Present**

*Senior Software Engineer*

- Built a trading platform for the Indian market.
- Part of the architecture and design of an Algo trading platform.
- Collaborated with various stakeholders like portfolio managers, traders and investors

**Mortgage Kart Ltd, Pune, India**

**July 2021 -- March 2025**

*Software Development Engineer*

- Designed and built a Workflow CRM in Frappe and Python Django.
- Built a Python web application implementing novel frameworks and tools such as FastAPI, htmx, socket.io and redis.
- Transformed and structured over 5,000 semi-structured raw records, optimising them for efficient data analytics and visualisation in Power BI.
- Designed and managed a seamless data pipeline, enabling live data migration from MongoDB to PostgreSQL using Mozilla Kinto, ensuring zero downtime during the transition.
- Elevated consumer facing product coverage by 25% with use of Puppeteer and JavaScript for web automation, and AWS Lambda for scalable execution.
- Enhance and maintain in-house ETL process, and building tools for data ingestion and optimization.
- Actively contributed to the recruitment process by volunteering for campus visits.

## SKILLS

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• Python Web Application • ETL (Extract, Transform, Load) • Data Pipelining • REST API

### Languages

• Python • PostgreSQL • BASH • JavaScript

### Frameworks & Tools

• Django • FastAPI • Socket.io • Power BI • Git • Mozilla Kinto • Frappe

## ACHIEVEMENTS

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**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

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**Savitribai Phule Pune University, Pune, India**

**July 2017 -- July 2021**

*Bachelor of Engineering in Computer Science and Engineering*

**CGPA: 7.75**