

Aditya Venkatesh Marada

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EDUCATION

University of Amsterdam

Master of Science in Computer Science

Expected MAY 2026

Amsterdam, Netherlands

PES University

Bachelor of Technology in Computer Science

JUL 2020

Bangalore, India

EXPERIENCE

Lendingkart

APR 2022 – JUL 2024

Senior Software Engineer

Bangalore, India

- Designed and developed a self-serve onboarding platform using **Spring Boot, MySQL, and Kafka**, reducing developer bandwidth by 5 man-days per sprint.
- Built the backend for **multi-tenant dashboards** with **Logstash, Redis, and Elasticsearch**, reducing dashboard deployment time by **50%** and increasing lender **reusability** across 5+ credit products.
- Developed reusable custom onboarding features using Spring Boot, Kafka, and Debezium, enhancing the feature offering on the platform while boosting disbursement capacity to **₹3000M per month**.
- Improved the rule evaluation process with **scheduling, asynchronous processing** and **database optimisations** reducing runtime for each application from ~55 to ~10 seconds, **enhancing system efficiency** by 80%.

Lendingkart

OCT 2020 – MAR 2022

Software Engineer

Bangalore, India

- Developed and piloted a loan-selling framework using Spring Boot and **Quartz scheduling**, scaling co-lending disbursements from ₹200M to ₹1000M per month, **increasing business volume by 5x**.
- Collaborated on and led the development of a **customisable Java rule engine**, to enable non-technical users to define credit rules, increasing lender onboarding velocity from 2 to 5 per quarter.
- Automated customer transaction settlements using Spring Boot, MySQL and Kafka, **reducing manual effort** by 1.5 man-days per week.
- Created custom metrics and alerts in Kibana to monitor all the above systems **reducing recovery time by 10%**.

Lendingkart

JAN 2020 - SEP 2020

Software Engineering Intern

Bangalore, India

- Automated **large scale report generation and ingestion** using Spring Batch reducing manual processing time by 1-man day per sprint.
- Automated data migration for 20,000+ customers using **Python**, reducing manual effort by 80%.

SKILLS

Programming: Java, Python, SQL, C

Technologies: Spring Boot, Kubernetes, Kafka, Git, Redis, ElasticSearch, Docker, Logstash, Debezium

PROJECTS

A Framework to Capture the Shift in Dynamics of a Multi-phase Protest

2020

- Analysed Hong Kong protests using Twitter data to map sentiment evolution and participant growth, employing Python, Twint, and BeautifulSoup for **data scraping**, alongside NLTK and Gephi for **data processing and analysis**. [\[Paper Link\]](#)

IPL Match Simulation and Ball-by-Ball Prediction

2019

- Used Hadoop, Spark and Python to employ clustering and decision trees to **predict ball by ball results** for a match in the IPL Cricket Tournament using batting and bowling lineups for each innings as the input.