Aditya Chache

+1-(510)-807-8968 | aditya.chache@gmail.com | LinkedIn | GitHub

EDUCATION

California State University, East Bay Aug 2024 - May 2026
M.S. Business Analytics *Hayward, USA*

University of Mumbai Aug 2018 - May 2022
B.E. Computer Engineering *Mumbai, India*

WORK EXPERIENCE

Assistant Manager (Software Engineer) Sept 2022 - Jun 2024
Jio Platforms Limited *Navi Mumbai, India*

- Spearheaded the migration of Enterprise Product Catalog and Order Care systems from Ericsson Conceptwave to open-source technologies, enhancing system flexibility and reducing costs.
- Designed and integrated RESTful APIs in collaboration with backend teams, **improving data flow and application functionality by 20%**.
- Optimized deployment processes by developing dynamic IP and Port configuration scripts, **reducing deployment time by 50%**.
- **Improved data retrieval speed by 35%** by writing and executing complex SQL queries, significantly enhancing API performance.
- Played a pivotal role in the migration of SQL database to MongoDB using Apache NiFi, resulting in a more scalable, efficient system.
- Actively participated in code review sessions, providing constructive feedback and driving continuous improvement in code quality, while also authoring detailed code documentation to enhance project maintainability and simplify the onboarding process for new developers.

PROJECTS

Object Detection Tracker | *Python, Streamlit, Deep Learning, Machine Learning*

- Built a real-time object detection web application using YOLO V4 machine learning model and Streamlit for live video feeds, achieving an 80% accuracy rate.
- Leveraged transfer learning techniques for improved performance and scalability in training.

Airline Price Notifier and ETL | *Python, GitHub Actions, MongoDB, Tableau*

- Developed a data pipeline script in python to extract, transform, and load (ETL) airline data from Amadeus APIs into a NoSQL database.
- Engineered a notification system that alerts users of price drops in flight deals, enhancing user engagement and satisfaction.
- Designed and implemented an interactive dashboard to visualize price fluctuations and key metrics.

ACTIVITIES AND VOLUNTEERING

Technical Member Oct 2024 - Current
UpClub - CSU East Bay

- Responsible for gathering, maintaining, and analyzing data for better event planning.

Event Planning Member Aug 2019 - May 2022
Computer Society of India - DMCE

- Assisted in the planning and execution of webinars and workshops, facilitating discussions on emerging trends in technology.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, SQL, JavaScript, HTML/CSS
Cloud/DevOps: Microsoft Azure, AWS (S3, EC2), Docker, Kubernetes, GitHub Actions
Database Technologies: MongoDB, PostgreSQL
Tools/Frameworks: Node.js, Flask, Pandas, NumPy, Matplotlib, Scikit-Learn, Tensorflow, Git, Postman, Tableau, Excel, Apache Airflow, Snowflake, PowerBI
Other Skills: REST APIs, Web Scraping, Agile Methodologies, Automation, Data Analysis, Data Visualization, Data Modelling, Statistical Learning