

ANIMESH BHARDWAJ

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PROFILE SUMMARY

A dedicated and proficient Software Developer with hands-on experience in the lending domain, specializing in developing microservices using Python (Flask, Falcon, Django). Expertise in writing ETL scripts, creating data pipelines, and working with databases (MySQL, PostgreSQL, Redshift). Experienced in API development, architecture, and integration in the lending domain (Personal Loans, BNPL). Strong skills in data processing, cloud computing (AWS), and building scalable solutions.

EDUCATION

Vellore Technological University	B.Tech Information Technology CGPA – 8.33	Jul 2018 -Aug 2022
DPS Dwarka, New Delhi	12th STD – CBSE 79.9 %	Apr 2016 – Mar 2018
DPS Sec-45, Gurgaon	10th STD – CBSE CGPA - 9.60	Apr 2015 – Mar 2016

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, Bash, SQL
- **Web Frameworks:** Flask, Django, Falcon
- **Cloud Technologies:** AWS (EC2, ECS, Lambda), S3
- **Database Management:** MySQL, PostgreSQL, Redshift, DynamoDB
- **Data Processing:** Pandas, PySpark, Databricks, ETL
- **Others:** REST APIs, Financial Analysis, Data Warehousing, Redis, API Architecture, Git, Redis

PROFESSIONAL EXPERIENCE

Aditya Birla Capital – Software Developer

June 2022 – Present

- Developed efficient and robust REST APIs in Flask/Django providing accurate and seamless services in application. Implemented ORM using **SQLAlchemy** in flask. Implemented **caching using redis and reduced time consumption by 40 %**.
- Build KYC journey implementing DigiLocker KYC and VKYC(Video KYC) integrating 3rd party service of Idfy. Implemented **loose coupling** in backend to build single journey for various lending partners.
- Developed Async APIs using **celery** and **RabbitMQ** as broker for developing email and message triggering tasks , document generating/storing . Used Aws lambda to trigger to process data on S3 file upload or record insertion in dynamo as triggers.
- Written **ETL** scripts using **pandas/pyspark/SQL** extracting data from various sources (S3/servers) and performing data preprocessing/cleaning and data manipulation. Combining data(CSV,XL) from various sources in non-uniform structure and transforming to a defined dataframe and loading it into data marts.
- Tuned Spark configurations to optimize performance, memory management, and data partitioning strategies,resulting in a 30% reduction in overall processing time.