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Shubham Bansal

Senior Software Engineer

SUMMARY

Experienced Software Engineer having **5+ years** of professional experience in building large scale distributed systems.

PROFESSIONAL EXPERIENCE

Senior Software Engineer
Dec '23 - Present

Thrasio - (Product Catalogue)
Remote, IN

- Worked on implementing different **GraphQL API's** for internal tool.
- Created different reporting task's that send's report to stakeholders about different listings created on a daily bases.
- Improved code/sql logic in ingestion pipeline service to ingest the data from different snowflake tables.

Senior Software Engineer
Nov '21 - Nov '23

MoEngage - (Data Team)
Bangalore, IN

- Worked on developing a feature to allow customers to ingest **Users/Events/Auxiliary data through CSV file**s stored in **S3/SFTP** location from scratch that has the ability for customers to schedule the import on a daily, weekly, or monthly basis.
- Enhanced this feature that can also allow customers to securely store **encrypted files via PGP** encryption using public and private keys.
- Worked on creating/revamping different **Partner Integration APIs** for various partners like Segment, mparticle, mixpanel, etc. that allow customers to track user/events data directly from these partners. Played a crucial role in generating **10%** of the business through these integrations.
- Implemented blocking **bot traffic feature** that blocks traffic from various bots in SDK API calls and also Delete User API for deleting users in the system.
- Successfully **resolved various day-to-day production issues** within the Data team and helped different solution engineers and customer success managers in onboarding customers to the MoEngage platform.

Senior Software Engineer
May '21 - Nov '21

Collegedunia Web Pvt. Ltd.
Gurgaon, IN

Product: **KickCash**

- Revamped the existing referral program in which users can earn instant cashback which helps us to better retain the existing users and also increase the **daily active users by 15%.**
- Improved optimization of various cron jobs to ensure timely confirmation of user's cashback for purchases made through kickcash application.

Software Engineer
Oct '18 - May '21

TO THE NEW
Noida, IN

Product: **Application Tracking System (ATS) Connector**

- Developed Rest-APIs by integrating with various ATS's sandbox to handle SOAP/REST data.
- Developed a logging system to capture all incoming & outgoing requests, and created a **graphic visualization dashboard** of metrics on Grafana using AWS lambda and Influx DB, which provided insights to management for decision-making, focusing on the valuable sandbox, **cost reduction by 10-15%**
- Integrated notification service through Google-hangouts-chat API which sends automatic notifications to the client whenever an error occurred
- Wrote unit test cases for multiple modules resulting in a remarkable **coverage improvement by 97%**
- Regularly collaborated with clients to discuss requirements, created design documentation, and drive product development

Product: **Self Service Portal**

- Worked on various modules of a project, including designing the database, implementing asynchronous emails using Celery, scheduling periodic tasks using Celery-beat, handling logging, utilizing Django admin for administrative tasks, and i**mproving code efficiency.**

KEY SKILLS

MMM 'YY - MMM 'YY

- **Proficient/Familiar Languages:** Python3, Java, HTML, CSS, JavaScript
- **Frameworks/Libraries:** Django, Dango-Rest-Framework, Falcon, Flask, Celery, Celery-beat, requests, Graphene, React JS
- **Tools/Services:** Kafka, Airflow, Docker, ElasticSearch, Kibana, RabbitMQ, Grafana, Nginx, Jira

- **Cloud Technologies:** AWS-SQS, ASG, S3, Load Balancers, CloudWatch, Alarms, AWS Lambda, Azure-VMSS, Azure Service Bus, Azure Blob Storage, snowflake
- **Version Control**: Git, Bitbucket
- **Database:** MySQL, MongoDB, InfluxDB, DynamoDB, Redis

EDUCATION

B.TECH-Computer Science   May '14 - Jun '18

University Institute of Engineering and Technology, MDU   Rohtak, IN

ACHIEVEMENT & RESPONSIBILITIES

- Achieved 4 spotlight awards in MoEngage in a span of 2 years.
- Customer Delight Award - Win the quarterly team award for outstanding customer service.
- Achieved 1 rank in company-wide hackathon competition among different teams at To The New.
- Successfully oversaw and handled the whole registration process of 10,000+ students in the biggest fest of MDU, National Youth Fest

- **Cloud Technologies:** AWS-SQS, ASG, S3, Load Balancers, CloudWatch, Alarms, AWS Lambda, Azure-VMSS, Azure Service Bus, Azure Blob Storage, snowflake
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