Satyam Anand
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Skills:

Programming: Python, Javascript, Typescript, Java
Technical Skills: Microservice, Database Design, Containers, System Designs/ System Architecture, Unit Testing, Scalability.
Tools: Sentry, SQL Database, Git, Kubernetes, Kafka, Redis, gRPC, Lambda, Docker, AWS, snowflake, flink, zookeeper
Frameworks and Libraries: MERN stack, NodeJs/ Node.Js, FastAPI, Flask, Django, NestJs/ Nest.Js, ReactJs/ React.Js, Spring boot
Databases: MongoDB, PostgreSQL, Snowflake, SingleStore, MySQL

Full-Time Experience: (3+ Years)

Software Development Engineer 2 (Inflection.io) - (10 Months)
01/2024 - Present, Bangalore, India
- Spearheaded architectural optimizations, enabling the system to scale from handling millions to billions of daily requests for seamless multi-client onboarding.
- Identified and implemented several system improvements, accelerating development cycles and boosting customer satisfaction.
- Enhanced the B2B platform's reporting infrastructure, delivering deeper insights into customer targeting and engagement, driving data-driven decision-making.
- Optimized database performance through strategic schema enhancements, sharding, and partitioning, significantly reducing query execution time and database load.
- Designed and managed a robust log aggregation solution, streamlining log collection and distribution across multiple instances for improved monitoring and diagnostics.
- **Technologies used**: Rest API, gRPC, Redis, Kafka, Flask, Spring boot, flink, Java, Fluentbit

Software Development Engineer 2 (Bolt.Earth) - (1.9 Years)
04/2022 - 01/2024, Bangalore, India
- Orchestrated a multi-channel notification system post extensive client consultations, leading to a 30% boost in user engagement and a 25% reduction in message delivery time.
- Data Pipeline Innovator with Client Collaboration: Collaborated closely with clients and the data team to identify and address their needs, resulting in the creation of a charger log analytics data pipeline poised to enhance processing efficiency and accuracy by 40%.
- API Performance Doubled with Customer Focus: Identified and resolved customer pain points, re-engineering the charger booking API to double its efficiency and increase booking rates by 50%.
- User Feedback System Creator with Product Team Insights: Worked in tandem with the product team to conceptualize and implement a user feedback system, leading to a 60% rise in user engagement and 25% higher customer satisfaction.
- OLAP System Optimizer: Independently identified and addressed customer-facing issues, refining OLAP design to cut query processing time by 45% and increase data analysis efficiency by 30%.
- User Action Tracking System Architect: Designed and implemented a comprehensive user action tracking system, integrating Kafka to achieve 100% coverage, following an in-depth analysis of user behaviour.
- Referral System Innovator with Enhanced Engagement: Developed a highly efficient referral system using Nest.js, which resulted from understanding and addressing user needs, achieving complete success in adoption and engagement.
- Dynamic Routing System for Chargers: Created a dynamic routing system utilizing the Google Maps API, ensuring optimal navigation and accessibility between chargers.
- **Technologies used**: Rest API, gRPC, Redis, Kafka, Sentry, MERN stack, NestJs.

Software Engineer (Soroco India) - (9 Months)
07/2021 - 03/2022, Bangalore, India
- Interactive Dashboard Developer: Enhanced dashboard interactivity using Django and Angular, following thorough user experience research to improve usability.
- Automation Expert in Inventory Management: Developed an automated bill scanning and inventory management system for Bayer, rooted in a deep understanding of their operational challenges, leading to major efficiency gains.
- **Technologies used**: Django.

Python Developer (Qblocks) - (6 Months)
11/2020 - 04/2021, Bangalore, India
- R&D on container isolation, resource allocation and security groups.
- Migrated 20% of Flask API to Django API.
- **Technologies Used:** Golang, Containers, Nvidia container, docker container.

Education:

- **Dayananda Sagar College of Engineering**: BTech - Information of science and engineering
- **Chinmaya Vidyalaya**: HSE in Computer Science.