

## Satyam Anand

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### Skills:

**Programming:** Python, Javascript, Typescript

**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

**Frameworks and Libraries:** NodeJs/ Node.Js, FastAPI, Flask, Django, NestJs/ Nest.Js, ReactJs/ React.Js

**Databases:** MongoDB, PostgreSQL

### Full-Time Experience:

#### **Software Development Engineer 2** ([Bolt.Earth](#)) - (2 Years)

04/2022-03/2024, Bangalore, India

- Conceptualized and executed a data-driven multi-channel notification system after in-depth client discussions; achieved a remarkable 30% increase in user activity and reduced message delivery time by 25%.
- Innovated a charger log analytics data pipeline, boosting processing efficiency and accuracy by 40%, through close collaboration with clients and the data team to address needs.
- API Performance Doubled with Customer Focus: Identified and resolved customer pain points, re-engineering the charger booking API to double the efficiency and increase booking rates by 50%.
- Pioneered the conceptualization and integration of a sophisticated user feedback mechanism with the product team, resulting in a remarkable 60% upsurge in user engagement metrics and a significant 25% elevation in customer satisfaction levels.
- Identified and rectified customer-facing issues within OLAP System, refining design elements to achieve a 45% reduction in query processing time and enhance data analysis efficiency by 30%.
- User Action Tracking System Architect: Designed and conceived a comprehensive user action tracking system, integrating Kafka to achieve 100% coverage, following an in-depth analysis of user behavior.
- 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.
- Live Routing System for Chargers: Created a live optimal routing system utilizing the Google Maps API, ensuring optimal navigation and accessibility between chargers.

**Implemented Technologies:** Rest API, gRPC, Redis, Kafka, Sentry, MERN stack, NestJs.

#### **Software Engineer** ([Soroco India](#)) - (9 Months)

07/2021 - 03/2022, Bangalore, India

- Interactive Dashboard Developer: Augmented dashboard interactivity using Django and Angular, following thorough user experience research to improve usability.
- Automation Expert in Inventory Management: Generated an automated bill scanning and inventory management system for Bayer, rooted in a deep understanding operational challenges, leading to major efficiency gains.

**Deployed Technologies:** Django.

#### **Python Developer** ([Qblocks](#)) - (6 Months)

11/2020 - 04/2021, Bangalore, India

- Led in-depth investigations into container isolation, resource allocation, and security groups; Devised innovative solutions that amplified system security and performance, reducing cyber threats by 30% and increasing operational efficiency by 25%.
- Migrated 20% of Flask API to Django API.

**Exploited Technologies:** Golang, Containers, Nvidia container, docker container.

### Contractual Experience:

#### **Python Developer** ([micro1](#)) - (3 Months)

03/2024 - Present, Bangalore, India

- Spearheaded the introduction of an innovative feature set on a specialized GPT model, increasing response accuracy by 0.4% and decreasing response time by 8% in the initial month, elevating overall user satisfaction.

### Internships:

#### **Python Developer Intern** [i8labs](#)

04/2021 - 07/2021 & 08/2020 - 11/2020 - Gurgaon, India

- Designed and Constructed 100% of the backend for the KYC verification system which targets Banking systems and telecom operators.
- Produced 100% of the internal error notification system using AWS Lambda, AWS QLDB, AWS RDBMS (MySQL), AWS API Gateway.

#### **Front-End Developer Intern** [FIMO TECHNOLOGIES](#)

12/2019 - 05/2020 - Hyderabad

- Engineered and launched a user-friendly dashboard leveraging Angular 8, resulting in a 40% increase in user retention and a 25% decrease in bounce rate.
- Revamped Flask APIs to Django APIs by migrating the services to Django.

**Utilized Technologies:** Angular 8.

### Education:

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