

## Satyam Anand

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### Full-Time Experience: (3+ Years)

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

04/2022-03/2024, 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.

### Skills:

**Programming:** Python, Javascript, Java, C, C++

**Technical Skills:** Microservice, Database Design, Containers

**Tools:** Sentry, MongoDB, SQL, Git, Kubernetes, Kafka, Redis, gRPC, Lambda, Docker, AWS, snowflake

**Frameworks and Libraries:** NodeJs, FastAPI, Flask, Django, NestJs, ReactJs

## Internships:

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

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

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

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

12/2019 - 05/2020 - Hyderabad

- Developed user dashboard using Angular 8
- Developed APIs using Rest API in Flask Skills.
- **Technologies used:** Angular 8

## Consultant:

### **Tech Consultant** [Silisoul](#) - Bangalore

10/2023 - 02/2024

- **Back-End Solution Strategist:** Guided a team of 2 in backend development, creating systems tailored to client needs through regular client interactions and feedback.
- **Front-End Development Leader:** Directed a team of 3 in front-end development, focusing on crafting user-centred interfaces based on direct user feedback and usability studies.
- **DevOps Pioneer with Scalability Focus:** Led the deployment of Kubernetes and containerization, improving scalability and deployment efficiency through continuous dialogue with the development team to identify and resolve operational bottlenecks.
- **Technologies used:** MERN stack, Cloud 9, AWS EC2, Kubernetes, ngrok, AWS VPC, AWS IAM, AWS S3, Elastic Load Balancing, Docker hub, Container, Helm