

Aayush Sarva

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SKILLS

LANGUAGES

Golang, Python, JavaScript

WEB

Vue.js, Python Flask, Node.js

DATA STORES

PostgreSQL, MongoDB, Redis

TOOLS

Docker, Terraform

OPEN SOURCE

MATTERMOST

Enterprise Messaging Platform

OTHERS

GitHub: bit.ly/3aWTkgu

ACCOLADES

AWS CERTIFIED

Solutions Architect Associate | Oct '20

Credential: bit.ly/2H9qgHi

TOP 10 / 73 TEAMS

Hack InOut 6.0 | Oct '19

Use smartphone as microphone in conferences during audience Q&A | Team of 3

APPRECIATION AT PLIVO

Unified technical onboarding
bit.ly/3AQV09r

Debugging critical customer issue
bit.ly/3CC7iE1

Improved on-call experience
bit.ly/3Toglye

EDUCATION

THE LNM INSTITUTE OF INFORMATION TECHNOLOGY

BACHELOR OF TECHNOLOGY

Communication &
Computer Engineering

Jul '12 - May '16

CPI: 8.52 / 10.0

EXPERIENCE

PLIVO

 REMOTE

Plivo provides a messaging & voice platform for business communications.

SOFTWARE ENGINEER III, MESSAGING | Jul '21 – Present

- Leading migration to OpenTelemetry across product engineering teams. This decouples application observability from underlying infrastructure.
- Improved p99 latencies by up to 10x using query batching, better DB indexes, caching, granular observability, etc.
- Brought down cloud costs by ~6% (saving 1000s of \$ per month) using fine-tuned autoscaling, batching SQS requests, latest instance types, etc.
- Created a culture of cloud cost awareness & incremental optimisations
- Integrated WhatsApp as a new communication channel into the platform
- Initiated a unified technical onboarding experience for new hires which got adopted across teams

SOFTWARE ENGINEER II, MESSAGING | Nov '19 – Jun '21

- Lead efforts to reach 99.99% availability for the messaging platform
- Implemented dynamic SMS routing to improve delivery & profit margins
- Automated manual process of periodically ranking telecom carriers for quality of service by integrating with third-party carrier testing tool
- Improved platform resilience by handling transient downtime of telecom carriers using retries & adding spam mitigation using geo-restrictions
- Dockerized SMS Gateway & reduced failure recovery times by ~15%
- Added visibility to international profit margins in the data pipeline
- Added spam mitigation using geo-restrictions to operations dashboard

ATLAN

 NEW DELHI

Atlan adds a collaboration & orchestration layer to your data stack.

SENIOR SOFTWARE ENGINEER, COLLECT | Jun '18 – Oct '19

- Engineered a batch-processing architecture to export primary data from our data collection platform to tools like Google Sheets & Zapier
- Developed a Python library & API to access product data & usage metrics, empowering the business unit to make data-driven decisions
- Built near real-time search & analytics capability using Elasticsearch to enable users to better monitor their data collection efforts
- Responsible for hiring for backend engineering roles & mentoring junior engineers & interns across teams

SOFTWARE ENGINEER, COLLECT | Jun '16 - May '18

- Improved & maintained tabular data export service by making it configurable (filters, email data archives, multiple file formats, etc.) & more performant (reduced time to export by ~26% using memoization)
- Integrated billing & subscription management into the product