Aayush Sarva

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SKILLS

LANGUAGES
Golang, Python, JavaScript

WEB
Vue.js, Python Flask, Node.js

DATA STORES
PostgreSQL, MongoDB, Redis

TOOLS & PLATFORMS
Docker, Terraform, AWS

ACTIVITIES

SPEAKER
Boston Golang Meetup | Jun '23

Spoke about performance optimizations and cost efficiency in distributed architectures

LIFESTYLER.IN
Built & launched a personalized Indian lifestyle recommendation product in a week using GPT-4

ACCOLADES

AWS CERTIFIED
Solutions Architect Associate | Oct '20

Credential: bit.ly/2H9qgHi

APPRECIATION AT PLIVO
Product & Business understanding
bit.ly/3q4lW1J

Unified technical onboarding
bit.ly/3AQV09r

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.

ENGINEERING MANAGER, MESSAGING | Jan '23 – Present
- Working with a team of 8 engineers to plan & execute the team roadmap
- Leading engineering efforts for cloud cost monitoring and optimization
- Actively involved in design & code reviews, incident handling & hiring
- Initiated a unified technical onboarding experience for new hires which got adopted across teams

SOFTWARE ENGINEER III, MESSAGING | Jul '21 – Dec '22
- Led 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.

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

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