# 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, Ansible

## OPEN SOURCE

**MATTERMOST**
Enterprise Messaging Platform

**EVE**
Python REST API Framework

**ROOK**
Kubernetes Storage Orchestrator

## ACCOLADES

**TOP 10 / 73 TEAMS**
Hack InOut 6.0 | Oct '19

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

## ACTIVITIES

**SPEAKER**
Delhi Elastic Meetup | Aug '18

Spoke about near real-time data sync between MongoDB & Elasticsearch

## EDUCATION

**THE LNM INSTITUTE OF INFORMATION TECHNOLOGY**

BACHELOR OF TECHNOLOGY
Communication & Computer Engineering

Jul '12 - May '16

CPI: 8.52 / 10.0

## EXPERIENCE

### PLIVO     📍 BENGALURU

Plivo provides a messaging & voice platform for business communications.

SOFTWARE DEVELOPMENT ENGINEER II, MESSAGING   |   Nov '19 – Present

- Implementing 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%

### 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
- Built a CLI tool to simplify provisioning & backups of AWS resources

### AUTOMATE.IO     📍 REMOTE

Automate.io helps run automated business workflows on cloud applications.

BACKEND ENGINEERING INTERN   |   Oct '15 – Apr '16

- Integrated cloud applications like Mailchimp, Trello & Twitter using their API into the business workflow automation platform

### SOCIALCOPS     📍 NEW DELHI

SocialCops helps organizations embrace data intelligence.

DATA ENGINEERING INTERN   |   May '15 – Jul '15

- Engineered distributed web scrapers for open data (~815 M rows)