

# Aayush Sarva

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## EDUCATION

### THE LNM INSTITUTE OF INFORMATION TECHNOLOGY

#### BACHELOR OF TECHNOLOGY

Communication &  
Computer Engineering

May '16 | Jaipur, Raj.

CPI: 8.52 / 10.0

## SKILLS

### LANGUAGES

Python, JavaScript, Golang

### WEB

Python Flask, Node.js, Vue.js

### MOBILE

Flutter

### DATA STORES

MongoDB, Elasticsearch, Redis

### TOOLS

Docker, Ansible, Nginx

## ACCOLADES

### WINNER

SocialCops Hackathon | Jun '15

Geographical shapefile creation  
from Google Maps | Team of 2

### WINNER

IEEE Bio-Imaging Contest | Apr '13

Breast Cancer cell segmentation  
in given image dataset | Team of 2

### RUNNERS-UP

Intra-University Programming  
Contest | Team of 2 | Sept '13

### FIRST PRIZE

Academic Excellence  
in school | Mar '11

## OPEN SOURCE

EVE | PYTHON REST API FRAMEWORK  
ROOK | K8S STORAGE ORCHESTRATOR  
DUCKDUCKGO | HEROKU CHEATSHEET

## EXPERIENCE

### SOCIALCOPS | NEW DELHI

SocialCops helps organizations embrace data intelligence.

#### SENIOR SOFTWARE ENGINEER | Jun '18 – Present

- Engineered a pluggable third party integrations architecture
- Integrated subscription management into the product
- Scaffolded load testing setup for India's national data platform
- Spearheading hiring for Backend & DevOps Engineering roles

#### PRODUCT ENGINEER | Jul '17 – May '18

- Developed a library & API to access product data & usage metrics
- Articulated near real-time product analytics atop Elasticsearch
- Improved data export by making it more performant and configurable

#### DEVOPS ENGINEER | Jan '17 – Jun '17

- Provisioned & managed Kubernetes clusters on multiple cloud providers
- Setup continuous deployment pipelines for company website

#### BACKEND ENGINEER | Jun '16 – Dec '16

- Built a tool to simplify provisioning & backups of AWS EC2 instances
- Initiated a library to reliably fetch & parse data from SOAP webservices

### 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, etc.
- Simplified integration testing & simulation of business workflows

### SOCIALCOPS | NEW DELHI

#### DATA ENGINEERING INTERN | May '15 – Jul '15

- Engineered distributed web scrapers for open data (~815 M rows)
- Developed a utility for synchronized upload of data to Google Drive

## ACTIVITIES

- **SPEAKER** | DELHI ELASTIC MEETUP | Aug '18  
Spoke about near real-time data synchronization between MongoDB & Elasticsearch. Video: [youtu.be/e\\_C3guoHr5s](https://youtu.be/e_C3guoHr5s)
- **MENTOR** | SOCIALCOPS HACKATHON | Jul '17
- **ASSISTANT COORDINATOR** | CYBROS (CS CLUB) | Apr '15 – Apr '16
- **TEACHING ASSISTANT** | OBJECT-ORIENTED PARADIGM | Jan '15 – Apr '15