

# Soham Patil

Pune - 411007, Maharashtra, INDIA

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## Summary

Software developer with over **4 years** of experience in building **scalable and resilient cloud-based microservices** and having a strong grasp over **data structures and algorithms**.

## Work Experience

### DRUVA

Pune, India

#### STAFF SOFTWARE ENGINEER

Jul. 2021 - Current

- Designed and **implemented highly available microservices** for data governance using Python and Golang, deployed on AWS with Docker and ECS, handling **millions of scanning jobs** securely
- Developed **scalable APIs** for governance workflows using Falcon and Gunicorn, leveraging **Gunicorn's multi-worker architecture** and optimized request handling
- Partnered cross-functionally with PMs and QA to design, build, and release features using **agile practices**
- Led multiple **production issue investigations**, resolving incidents and implementing **long-term fixes** to reduce recurrence by 50%
- Skilled in **Python, Golang, REST, Big Data, Microservices, Docker, Amazon Web Services (AWS), and Multi-threading**

#### SOFTWARE ENGINEERING INTERN

Jan. 2021 - Jun. 2021

- Successfully shipped small yet important features** and improvements to the **Sensitive Data Governance product**
- Implemented **high-quality fixes** that directly addressed core issues, ensuring optimal functionality and user satisfaction
- Leveraged expertise in **Python, Golang, REST, Docker, Falcon, Gunicorn, and Amazon Web Services (AWS)**

## Education

### Walchand College of Engineering, Sangli

Sangli, India

B.TECH, INFORMATION TECHNOLOGY

2017 - 2021

- CPI: 8.23/10 CGPA**
- Major courses: Data Structures, Computer Algorithms, Operating Systems, UNIX OS, Database Systems, Computer Networks
- Elective courses: Machine Learning, Artificial Intelligence, Cloud Computing, Data Analytics

## Skills

Python | Golang | C++ | REST | Multi-threading | MySQL | Redis | Docker | AWS(EC2, Lambda, ECS, S3, RDS, SQS)

## Certifications

### Codechef's Data Structures & Algorithms Certification

Pune, India

FOUNDATION

Sept. 2019

- Codechef** Certified Foundation Level Data Structures & Algorithms Programme (CCDSAP)

### Hackerrank's Problem Solving Certification

Pune, India

INTERMEDIATE

Sept. 2020

- Hackerrank** certified Intermediate level Problem Solving Certificate

## Projects

### Fake News Detector

Sangli, India

B.TECH PROJECT

May. 2020

- Developed a tool which can help internet users to be extra careful in the face of online misinformation
- Created a **Chrome extension** which can evaluate the **quality** of an article and alert the user of **clickbait or subjective content**
- Developed an **android application** for mobile users to verify the **credibility and trustworthiness** of a news item and source
- HTML, JS, Google Natural Language Client Library, Flask, Android Studio, Amazon Web Services (AWS)**

### Smart Library

Sangli, India

ACADEMIC PROJECT

Mar. 2020

- Developed **two android applications** enabling the students and the librarian to track books
- Reduced paperwork and time involved
- Android, Java, Firebase**