

Shreyash Agarwal

SOFTWARE ENGINEER

Bengaluru, India

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Summary

I have over 5 years of experience as a software engineer for massive as well as small-scale traffic. I have worked across domains such as finance, entertainment and e-commerce and in roles such as Backend Engineering, Data Engineering, Devops and Productivity Engineering.

Work Experience

Confidential (via Turing)

Bangalore, India

BACKEND PYTHON ENGINEER

January 2023 - Current

- Collaborating with a leading AI research organization through the Turing platform to enhance the capabilities of a state-of-the-art Large Language Model, focusing on improving the model's performance through RHLF.

Meesho

Bangalore, India

SOFTWARE ENGINEER 4

August 2022 - September 2022

- Continuous improvement and maintenance of systems - Improved P99 of user facing APIs by up to 900% by deep optimisation of underlying Elasticsearch queries.

SOFTWARE ENGINEER 3

April 2021 - August 2022

- Designed and Implemented near Real-time indexing architecture using Apache Flink to bring down indexing time from 4 hours to 15 minutes.
- Monitoring and Availability of Systems - Set up multiple tools for interacting & monitoring with technologies such as Apache Kafka, Elasticsearch, Nginx, UWSGI and Apache Flink

SOFTWARE ENGINEER 2

March 2020 - March 2021

- Implemented multiple features such as query correction and search relevance algorithms for improving the search conversion.

Circles.Life

Bangalore, India

SOFTWARE ENGINEER 2

August 2019 - February 2020

- Developed modular crawler architecture and system for data ingestion from different sources. Used Python3 and MongoDB.
- Contributed to existing back-end micro-services written in Go and internal CMS dashboard in React.js.

Minance Technologies

Bangalore, India

SENIOR SOFTWARE ENGINEER

October 2017 to July 2019

- Designed and developed infrastructure for ETL of real-time financial market data into S3 in a reliable manner.
- DevOps for back-end infrastructure with VPS, crontab, containerisation on Google Cloud Platform, Amazon Web Services and DigitalOcean, migration to serverless for public APIs.

Skills

Programming Languages	Python, Java, Bash, Go
Cloud Services	Amazon Web Services- MSK, RDS, OpLambda, S3, API Gateway, CloudWatch, EC2)
Databases	Elasticsearch, Mysql, Redis, MongoDB
Frameworks	Apache Flink, Flask, Celery, Selenium, FastAPI
Tooling	Crontab, Git, Docker, Zsh
Languages	English, Hindi

Education

M.S.Ramaiah Institute of Technology

Bangalore, India

B.E. IN INFORMATION SCIENCE AND ENGINEERING

Aug 2012 - Aug 2017

- CGPA : 7.89/10 (Graduated with Honours)

Delhi Public School, Ruby Park

Kolkata, India

A.I.S.S.C.E (CBSE)

2012

- Computer Science, English, Physics, Chemistry, Mathematics
- Percentage : 87.4%

Delhi Public School, Ruby Park

Kolkata, India

A.I.S.S.E (CBSE)

2010

- English, Mathematics, Computer Science, Science, Hindi, Social Studies
- CGPA : 9.60