

Shreyash Agarwal

SOFTWARE ENGINEER

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Summary

I am a Software Engineer who finds comfort in a *nix environment and enjoys tweaking all parts of it. I love solving problems with different approaches and learning new technologies and tools if the need arises.

My strengths are my concepts in Object Orient Paradigm and ability in grasping programming languages, which I use for problem-solving. My interest lies in the field of computer vision and natural language processing.

I see myself contributing to building a better and smarter world.

Work Experience

Circles.Life

Bangalore, India

SOFTWARE ENGINEER

August 2019 - Current

- Developing modular crawler architecture and system for data ingestion from different sources. The system unified and consolidated data to a consistent schema for downstream processes. Used Python3 and MongoDB.
- Contributing to existing back-end micro-services written in Go and internal CMS dashboard in React.js.

Minance Technologies

Bangalore, India

SENIOR SOFTWARE ENGINEER

November 2018 to July 2019

- System architecture design and implementation for database, logic and API layers.
- Designed and developed infrastructure for ETL of real-time financial market data into S3 in a reliable manner.
- Developed several protected ephemeral web dashboards for internal usage such as analysis with ORM tools such as SQLAlchemy and Alembic for migrations.

SOFTWARE ENGINEER

April 2018 to October 2018

- Ported code and oversaw migration of client-facing API's from server to serverless platform.
- DevOps for back-end infrastructure with VPS, crontab, containerisation on Google Cloud Platform, Amazon Web Services and DigitalOcean.
- Developed the back-end infrastructure and API for the internal CMS system and contributed to front-end in React.js.

JUNIOR SOFTWARE DEVELOPER

October 2017 to March 2018

- Developed desktop applications using Tkinter for internal use.
- Web crawling and scraping and modelling structured and unstructured data.
- Modularised and standardised existing codebase to increase productivity.

Skills

Programming Languages	Python, Go, C/C++, Bash, HTML5, CSS3, Javascript
Cloud Services	Amazon Web Services- Lambda, S3, API Gateway, CloudWatch, EC2)
Tools	Mysql, Redis, MongoDB, Crontab, Git, Docker
Frameworks	Flask, Celery, Zappa, Scrapy, Selenium, Pandas, OpenCV3, SQLAlchemy, Alembic
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