Shreyash **Agarwal**

SOFTWARE ENGINEER

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Summary

I am a Software Engineer looking for opportunities in the field of software engineering. I am very comfortable in a *nix environment and enjoy tweaking all parts of it. I love solving problems in 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 build a better and smarter world.

Work Experience

Minance Technologies   *Bangalore, India*

SENIOR SOFTWARE ENGINEER   *November 2018 to July 2019*

- System architecture design and implementation for database, logic and API layers.
- Development of 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.

                                                                                         Bangalore, India

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 ERP system and contributed to front-end in in React.js.

                                                                                         Bangalore, India

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.
- Converted application logic to in-memory to drastically reduce compute time and server load.
- Modularised and standardised existing codebase to increase productivity.

Thappad (OPUS Media LLP)   *Bangalore, India*

INTERN - APPLICATION DEVELOPER   *November 2015 to March 2016*

- Developed Hybrid Web Apps using Ionic Framework and AngularJS 1.0.
- Created plugins with Cordova for user interaction.

Skills

Programming Languages	Bash, Python, Javascript, Go, C/C++, LaTeX, HTML5, CSS3
Cloud Services	Amazon Web Services- Lambda, S3, API Gateway, CloudWatch, EC2)
Tools	Mysql, Redis, Crontab, Git, Docker
Frameworks	Flask, Celery, Dramatiq, Zappa, React.js, 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
- 9.60(CGPA) = 92%