

# Sharang Gupta

Versatile Software Developer

Cloud computing proponent. Evolving into full stack.

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📍 Salford

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## EDUCATION

### MSc in Computer Science

University of Southampton

09/2020 - 09/2021

First Class Honours(predicted)

### BTech in Computer Science

Symbiosis International University [🔗](#)

06/2014 - 05/2018

3.468/4

### Diploma in Business Management

Symbiosis Institute of Business Management

[🔗](#)

06/2017 - 07/2018

First Class Honours

## WORK EXPERIENCE

### Freelance Web Developer

Thiasil [🔗](#)

01/2020 - 10/2020

Highlights

- Developed a website hosted on an EC2 instance, as a freelance project for Thia Glass Works : <https://www.thiasil.com/> [🔗](#)

### Python Developer

Karza Technologies Private Limited [🔗](#)

12/2018 - 09/2020

Fin-tech company performing background checks on loan applicants

Highlights

- Created over 300 web crawlers, harvesting millions of data points, thus creating end to end data pipelines for consumption
- All the data harvested has been sold directly(Voter IDs) and indirectly(RBI) to the clients, and the company's revenue quadrupled during my tenure

### Web Developer

Bombardier Transportation [🔗](#)

08/2018 - 11/2018

Highlights

- Responsible for developing WEB-HMI, a user interface for metro drivers to control the train

### Intern

Symantec Corporation [🔗](#)

01/2017 - 06/2017

Highlights

- Developed a new Non-PE files harvester, to gather 1 million files to whitelist, met the target within 3 months itself, and went on to work as a full-fledged software developer for the rest of my tenure
- Developed a new crawler in record time, for a time sensitive project involving a lawsuit threat against Symantec

## SKILLS

Python

MongoDB

AWS

API Development

MySQL

Java

C++

iOS App development

Web Development

Android App development

## PROJECTS

### Heart Disease Prediction [🔗](#)

- Performed exploratory data analysis, algorithm selection and implementation and obtained an F1-score of 95% [🔗](#)

### Fake News Detection [🔗](#)

- Performed exploratory data analysis, feature generation and algorithm selection on the mediaeval data set of tweets

### BlockVote [🔗](#)

- Developed a voting system based on blockchain technology, based on Django. Implemented the cast\_vote and check\_vote functionality of the project

### Parivahan Scraper [🔗](#)

- Developed a web crawler to scrape details of the registered vehicle hosted using Flask on an AWS EC2 instance

### Web Profile - Dr Himanshu Agarwal [🔗](#)

- Developed a web profile page for Dr Himanshu Agarwal hosted at <https://sitpune.dev/~himanshu.agrawal/> [🔗](#)

### WheresMyMoney : A Personal Expense Tracker [🔗](#)

- A transaction management application based on Android with a Firebase backend and MaterialDesign UI

### Wifi Treasure Hunt : Popular tech-fest game at SIT [🔗](#)

- An android app involving clues being displayed upon arriving within the range of certain wifi hotspots

## TEACHING EXPERIENCE

### Symbiosis Institute of Technology (03/2017 - 04/2017)

Taught 2nd year MTECH students android app development, in order to leverage sensors of a mobile phone, as a part of their IoT course

## CERTIFICATES

### Smart India Hackathon 2018 Grand Finale (03/2018) [🔗](#)

Developed a solution to calculate trade margins for businesses, under the Ministry of Statistics and Programme Implementation

### Six Sigma Black Belt (02/2016) [🔗](#)

Certified by MSME of the Government of India

### Six Sigma Green Belt (02/2015) [🔗](#)

Certified by MSME of the Government of India

## LANGUAGES

English

Fluent

Hindi

Fluent