

Sharang Gupta

Versatile Software Developer

Cloud Computing Proponent. Evolving into full stack.

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WORK EXPERIENCE

Software Developer

The Hut Group

10/2020 - Present

Manchester

Backend Java developer with the Core Product team

Freelance Web Developer

Thiasil [↗](#)

01/2020 - 10/2020

Mumbai

Achievements/Tasks

- Developed a website hosted on an EC2 instance, as a freelance project for Thia Glass Works

Python Developer

Karza Technologies [↗](#)

12/2020 - 09/2020

Mumbai

Fin-tech company performing background checks on loan applicants

Achievements/Tasks

- Created over 300 web crawlers, harvesting millions of data points, thus creating end to end data pipelines for consumption
- Introduced in-memory download and re-upload of scraped PDFs reducing disk memory usage to a fraction of original

Web Developer

Bombardier Transportation [↗](#)

08/2018 - 11/2018

Vadodra

Achievements/Tasks

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

Intern

Symantec Corporation [↗](#)

01/2017 - 06/2017

Pune

Achievements/Tasks

- 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.

EDUCATION

MSc in Computer Science

University of Southampton [↗](#)

09/2020 - 09/2021

Distinction

Courses

- Based my thesis on a modern server less web architecture

SKILLS

Python

Java

React

Javascript

MongoDB

AWS

Web Development

API Development

Mobile 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 Web Scraper [↗](#)

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

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 (02/2018) [↗](#)

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 (02/2013) [↗](#)

Certified by MSME of the Government of India

LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency

German

Elementary Proficiency