

Sharang Gupta

Versatile Software Developer

Cloud Computing Proponent. Evolving into full stack.

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WORK EXPERIENCE

Software Development Associate

JP Morgan Chase and Co [🔗](#)

09/2022 - Present

Achievements/Tasks

- I am working in the Corporate and Investment Banking Line of Business as a backend developer.

Graduate Software Developer

The Hut Group [🔗](#)

10/2021 - 09/2022

Manchester

Backend Java developer with the Core Product team.

Contact : Charlotte Cozens - (+44) 07514766773

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

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.
- Key technologies used were python and mssql, urllib package in python was used to send requests, download the necessary files, unzip them and calculate their hashes.

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