

Sharang Gupta

Versatile Software Developer

Cloud Computing Proponent. Evolving into full stack.

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WORK EXPERIENCE

Software Developer

The Hut Group

01/2023 - Present

Backend Java developer with the content product team

Software Development Associate

JP Morgan Chase and Co

09/2022 - 01/2023

Achievements/Tasks

- Worked 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.

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
- 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

Java

Spring

Python

SQL

Javascript

MongoDB

AWS

Web Development

PROJECTS

Food Ordering System [🔗](#)

- An application built using the principles of hexagonal architecture and domain driven design

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