

Sharang Gupta

Software Engineer

Java and Spring, built test-first.

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WORK EXPERIENCE

Software Engineer

THG

Jan 2023 - present

Bournemouth, England (remote)

- Backend development in Java and Spring Boot, deployed on Kubernetes and Google Cloud Platform.
- Diagnose and fix production incidents.
- Test-first development and code review.

Associate Software Developer

JPMorgan Chase & Co.

Sep 2022 - Feb 2023

Bournemouth, England

- Built more depth in Spring Boot while working on backend services in a banking environment.
- Hands-on exposure to Kubernetes and cloud deployment.
- Worked with production monitoring and observability.

Graduate Software Engineer

THG

Oct 2021 - Sep 2022

Salford, England

- First professional work in Java and Spring Boot, on a large production system.
- Learned clean-code practices, code review and team delivery workflows.

Python Developer

Karza Technologies

Dec 2018 - Sep 2020

Mumbai

- Responsible for building data pipelines across multiple web sources like BSE, NSE and electoral rolls via web-scraping using python
- 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

Software Engineer

Bombardier

Aug 2018 - Dec 2018

Vadodara, India

- Responsible for developing web-hmi components for new metro trains

Software Engineer Intern

Symantec

Jan 2017 - Jun 2017

Pune, India

- Built a crawler to collect files and their hashes for the most popular cloud-based software; gathered 1 million files to whitelist, hitting the target within 3 months
- Delivered a second crawler in record time for a time-sensitive, high-priority project
- Stayed on after the project to work with the team on development, across all stages of production

SKILLS

Java

Spring Boot

Python

Kubernetes

Google Cloud Platform

MySQL

Couchbase

MongoDB

TDD

JUnit

Clean code

SOLID

Code review

PROJECTS

All on github.com/sharanggupta

Orderly (work in progress)

Hexagonal architecture, one failing test at a time.

Flight search

Spring Boot REST API, hexagonal architecture, test-first.

EazyBank

Four Spring Boot microservices behind a gateway.

OAuth2 product

Resource server and client, built test-first.

Batch data migration

NoSQL to SQL with Spring Batch.

Thiasil

Next.js website for a glass-works client.

WRITING

OAuth2 with Spring Boot, a four-part series

Medium: sharanggupta.medium.com

EDUCATION

MSc Computer Science (Distinction)

University of Southampton

2020 - 2021

Dissertation: [Modern Serverless Web Application Architecture](#)

BTech Computer Science and Engineering

Symbiosis Institute of Technology, Pune

2014 - 2018

HACKATHON AND TEACHING

Smart India Hackathon 2018, Grand Finale

Built a solution to calculate trade margins for businesses (Ministry of Statistics and Programme Implementation problem statement).

Taught Android app development

To second-year MTech students, Symbiosis Institute of Technology (Mar-Apr 2017), as part of their IoT course.