

# Anant Saxena

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🌐 Visit My Website

## EXPERIENCE

### SPRINKLR | PRODUCT ENGINEER (SDE-1) INTERN

May 2022 – July 2022

Created a Java-based Slack bot that supports queries on large Redis databases without invoking Redis clients. Deployed on company servers via Kubernetes.

Exposure: Redis, Maven, JUnit, CI/CD, Docker, IntelliJ

### WORLDQUANT | QUANT RESEARCH CONSULTANT

Oct 2022 - Present

Develop Alpha trading models for financial instruments using dataset analysis and investment strategies.

Exposure: Stock Market, Time-Series data

### SOGAGE | INTERN AT SOCIAL MEDIA STEALTH STARTUP

Feb 2022- April 2022

Built Reactive components and Django backend pipeline for auto-refreshing social media feed.

Exposure: Django, ReactJS

## ACHIEVEMENTS

Qualified	- ACM-ICPC Regionals 2021
GLOBAL RANK 70	- Google Kick Start Round C 2022
GLOBAL RANK 90	- Google Kick Start Round F 2022
INDIA RANK 69	- Google Hash Code 2021 Qual. Round
GLOBAL RANK 106	- GOLD @ WorldQuant BRAIN Alphathon 2022
SCHOLARSHIP	- from AlphGrep Securities Pvt. Ltd.

🏆 Candidate Master on CodeForces | Max. Rating 2096

🏆 5 Star on CodeChef | Max. Rating 2127

## RESEARCH

### GECCO '22, BOSTON, US | PARALLEL COMPUTING | 📄 PAPER

Jan 2021 – July 2022

- Published & Presented a paper in the tier-A conference 'The Genetic and Evolutionary Computation Conference', on the topic: "Parallelization of Corner Sort with CUDA for Many-Objective Optimization", a method for fast, reliable and GPU-friendly sorting of multi-dimensional objects.

### UG PROJECT | GENETIC QUANTUM COMPUTING

Research under Prof. S.K. Singh, IIT (BHU)

Jan 2022 – Present

- Research into the performance of a quantum-inspired evolutionary optimization algorithm on Image Segmentation and Feature Selection.

## PROJECTS

### RECRUITMENT PORTAL | SPRING BOOT | 🐙 GIT REPO

Nov 2021 - Dec 2021

Developed a Web App using Spring Boot Framework that facilitates the hiring process for internships and jobs at universities.

Exposure: Spring Boot, Java, SQL, Git

### RHIDAM MUSIC LIBRARY | DJANGO WEB APP | 🐙 GIT REPO

Aug 2020 - Nov 2020

Built a web app that allows creation of private music libraries.

Exposure: Django, HTML, CSS, Azure

## EDUCATION

### B.TECH IN COMPUTER SCIENCE AND ENGINEERING

INDIAN INSTITUTE OF

TECHNOLOGY (BHU), VARANASI

CPI: 9.77

(2019 - Present)

Department Rank 2

- Awarded grade A in 30 courses with A\*, for exceptional performance in Artificial Intelligence, Distributed Computing and Intelligent Computing

## LINKS

🌐 My Portfolio

🌐 [linkedin.com/anant-saxena/](https://www.linkedin.com/in/anant-saxena/)

🐙 [github.com/anant-saxena/](https://github.com/anant-saxena/)

## POSITION OF

## RESPONSIBILITY

### COMPETITIVE

### PROGRAMMERS CLUB

CORE MEMBER

2020 - 2021

Problemsetting for Rated Contests on the Codeforces and Codechef platforms and teaching younger coders.

## SKILLS

### LANGUAGES

C++ • Cuda C++ • Python

Java • SQL

### TOOLS AND LIBRARIES

Redis • Django • Spring Boot

Docker • Kubernetes

Maven • Numpy • Pandas

## EXTRA-CURRICULAR

1st Place Aagman, College Group Dramatics

2nd Place Varanasi Wordfest 2020, Inter-College Creative Writing