

# Shekhar Srivastava

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GITHUB | LINKEDIN | CODECHEF | LEETCODE

## EDUCATION

NETAJI SUBHASH ENGINEERING COLLEGE KOLKATA  
BACHELORS OF TECHNOLOGY COMPUTER SCIENCE AND ENGINEERING

July/2018 - July/2022

Kolkata Cgpa: 9.05

MB DAV PUBLIC SCHOOL LOHARDAGA  
AISSCE PHYSICS,CHEMISTRY,MATHEMATICS

July/2015 - July/2017

Lohardaga Percentage: 85.6%

## EXPERIENCE

AMAZON | SDE INTERN

Bengaluru,India | Jan 2022 – June 2022

- worked with Textract Async API team on re-architecture project. worked with various native AWS(sqs, ddb, lambda, cdk) and Amazon internal tools and frameworks(performance testing, integration testing).

DYNOPII | BACKEND DEVELOPER INTERN

Kolkata, India | Nov 2020 – Apr 2021

- worked on improving an existing service which was built with flask. used a redis cache to effectively reduce duplicate calls. continuously monitored app for any faults and resolved them when needed.
- worked on creating rest API with Django and Flask rest framework for various applications.

## SKILLS

PROGRAMMING LANGUAGES	Python, C++, Java
LIBRARIES/Frameworks	Flask, Django Rest Framework, Tensorflow
TOOLS / PLATFORMS	GitHub, Google Colab, windows, Mac
DATABASES	MySQL, Redis

## PROJECTS / OPEN-SOURCE

IMAGE CAPTION GENERATOR | [LINK](#)

Python, Tensorflow

- trained a neural network that can generate simple description of what is happening in any given image. this model can be paired with IOT devices that would describe the scenery to visually challenged people.

FLASK-EXTENSIONS FLASK-GOOGLEMAPS | [LINK](#)

Python, Flask

- added support for geocoding and reverse geocoding in the official flask extension Flask-GoogleMaps.

IMAGE SUPER RESOLUTION | [LINK](#)

Python, Tensorflow

- trained an auto-encoder neural network that takes a low resolution image as input and outputs the same image filled with more details.

EDUALGO'S PYTHON PACKAGE | [LINK](#)

python

- added multiple math algorithms and graph algorithms with explanations to EduAlgo's python package.

## HONORS & AWARDS

- Secured 682 National Rank in TCS CodeVita 2020
- 4 star on CodeChef
- Won 2nd prize in SIH 2020 (campus level)
- Won BugHunt: A code debugging contest in inter-college as well as intra-college tech fest of NSEC