

# Akash Choudhary

## Back-end Software Engineer

Good knowledge of Algorithms and passionate for Python and Data Science



skychoudhary56@gmail.com ✉

+91-7679577899 📞

Mumbai 📍

reachsky.in 🌐

linkedin.com/in/akash-choudhary-68b36292 in

github.com/sky56 🐙

## WORK EXPERIENCE

### Assistant System Engineer

Tata Consultancy Services Limited

11/2016 – Present

Mumbai

*Achievements/Tasks*

- Received Certificate of Appreciation for writing bash script that saved lot of manual work and time

### Assistant System Engineer - Trainee

Tata Consultancy Services Limited

08/2016 – 11/2016

Trivandrum

*Achievements/Tasks*

- Given POC within 3 days that Bar Chart can be drawn in Mainframes CICS.
- Quick car quote: Project to generate quick quotation on Car Insurance, done in Mainframes. Written COBOL code and designed UI in CICS in 5 days.

### Summer Intern

Variable Energy Cyclotron Centre

06/2015 – 07/2015

Kolkata

*Achievements/Tasks*

- Web Page Change Notification System : A web application project that notifies users over mail the changes taking place in their website according to the requested frequencies.

## EDUCATION

### Study Programme

West Bengal University of Technology

2012 – 2016

Kolkata, CGPA : 8.45

### Bidhan Chandra Instituion

Institution/Place of Education

2010 – 2012

Durgapur, XII : 80.8%

### St. Michael's School

Institution/Place of Education

1999 – 2010

Durgapur, X : 92.42%

## SKILLS

Python

C

C++

HTML

Bootstrap

Flask

Oracle

Data Structure

Algorithms

## PERSONAL PROJECTS

Image Watermarking Using Cuckoo Search Algorithm (11/2015 – 05/2016) [🔗](#)

- Final year project developed using MATLAB
- Cuckoo Search Algorithm is used for robustness and imperceptibility.
- Research paper published in IEEE (Netact 2017)
- Github : sky56/Video-Watermarking-Using-Cuckoo-Search-Algorithm

Poké Kingdom (10/2017) [🔗](#)

- Web application developed using Python - Flask framework
- Uses API to fetch Pokémon details from <https://pokeapi.co>
- Converts the result into JSON and displays the result
- Github: sky56/Pok-Kingdom

Explore Mumbai (10/2017) [🔗](#)

- Map built using Folium library of Python
- Displays all attraction point of Mumbai at their corresponding locations on map
- Name, image and speciality of each point is displayed

## ACHIEVEMENTS

1st prize in Konstruct (2015)

*Internal Coding Contest organized in West Bengal University Of Technology, Kolkata*

2nd Prize in Codemart (2015)

*Onsite coding contest in Techno India, Kolkata*

3rd Prize in Codification (2015)

*Online coding contest organized by TELOS on Hackerrank*

5th National Prize in Beat By Bit (2015)

*Online Coding Contest organized by BIT MESRA on Codechef*

Problem Setter (2016)

*Internal coding contest on codechef//COST2016*

Microsoft Student Partner (2014 – 2015)

*(MSA 2014/689)*

Internshala Student Partner (2015 – 2016)

*(ISP3209AKC)*

## INTERESTS

Data Science

Machine Learning

Volunteering

Programming

Python