

# Subhrajit Prusty

Institute of Technical Education and Research, Bhubaneswar

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## Education

### Institute of Technical Education and Research (ITER)

Bhubaneswar, Odisha, India

B.TECH IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

2016 - Current

- CGPA : 8.72

### Ispat English Medium School (IEMS)

Rourkela, Odisha, India

INTERMEDIATE/+2 FROM ISC

2014 - 2016

- Percentage : 84.5

### Ispat English Medium School

Rourkela, Odisha, India

MATRICULATION FROM ICSE

2014

- Percentage : 94.17

## Experience

### ITC Infotech

Bengaluru

PROJECT INTERN

May, 2019 - July, 2019

- Worked on various R&D Projects involving Image Processing and Deep Learning

## Projects

### YCL - Youtube Command Line

YCL

PERSONAL PROJECT

May, 2019

- Created a command line utility to search and play music and download HQ videos from YouTube on the command line itself
- Can be used as both a command line utility and also a ncurses based terminal application

### Wallgen

Wallgen

PERSONAL PROJECT

July, 2018

- A wallpaper generator built with Python
- Procedurally generates low-poly wallpapers
- Features: "Smart" polygons which respect edges of objects
- 100+ stars on Github

### Website Infrastructure in AWS with Wordpress & MySQL DB

COURSE PROJECT

April, 2018

- Simulated a live website infrastructure setup on AWS using EC2, VPC, Load Balancers, Auto Scaling Groups, Route53, SES and S3 buckets

### Performing Different Routing and Switching Protocols

COURSE PROJECT

May, 2017 - July, 2017

- Simulated working of different type of routing and switching protocols with the help of GNS3, Cisco Packet Tracer, WireShark.

## Skills

**Programming** Python, JAVA, C, Bash

**Technologies** AWS, GitHub, Docker

**Web** Apache, Flask, Selenium, Bootstrap, HTML5, CSS3

**Skills** Dev-ops, Web-Scraping, REST API, Linux System Administration, Web Development, Image Processing

## Certifications

2017 **Completion of Training in CCNA R&S**, Network Bulls

Gurgaon, Haryana

2018 **Completion of Dev-Ops and AWS Training**, Mindbox Trainings Online

Hyderabad

## Honors & Awards

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|------|---|--------------------|
| 2019 | <b>2nd Place for 'Wallgen'</b> , "Buffet of Ideas" - A Project Presentation Event, Chakravyuh-Genesis | <i>Bhubaneswar</i> |
| 2018 | <b>2nd Place</b> , ITC Infotech Hackathon   | <i>Bengaluru</i>   |
| 2016 | <b>2nd Place</b> , Quantum Code by IIT Bombay - Techfest  | <i>Bhubaneswar</i> |
| 2015 | <b>2nd Place</b> , Krack Code by Illuminati - organised by St Pauls School                            | <i>Rourkela</i>    |
| 2014 | <b>1st Place</b> , Computer Society of India Quiz, Rourkela Chapter                                   | <i>Rourkela</i>    |
| 2013 | <b>1st Place</b> , Computer Society of India Quiz, Rourkela Chapter                                   | <i>Rourkela</i>    |

## Extracurricular Activity

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### Codex

*ITER, Bhubaneswar*

#### SENIOR MEMBER

*March 2017 - PRESENT*

- Student coordinator
- Conducted workshops on Python
- Conducted workshops on Linux and bash
- Conducted seminars and workshops on Git and Github.

### Chakravyuh-Genesis 2019

*ITER, Bhubaneswar*

#### CLUB COORDINATOR

*March, 2019*

- Conducted workshop on Ethical Hacking and approach to CTFs
- Organized events and competitions on behalf of Codex

### Smart India Hackathon

*ITER, Bhubaneswar*

#### TECHNICAL VOLUNTEER

*March, 2019*

- Handled technical details regarding the event
- Assisted judges in ranking and assessment of participating teams